1 1 STATE OF NEW HAMPSHIRE 2 SITE EVALUATION COMMITTEE 3 DAY 1 4 August 23, 2010 - 10:09 a.m. Public Utilities Commission 5 21 South Fruit Street MORNING SESSION ONLY Suite 10 Concord, New Hampshire 6 7 8 RE: Application of Laidlaw Berlin BioPower for a Certificate of 9 Site and Facility for a 70 MW Biomass Fueled Energy Facility in Berlin, Coos County, New 10 Hampshire. (Hearing on the merits) 11 12 PRESENT: SITE EVALUATION SUBCOMMITTEE: Thomas Burack, Cmsr. Dept. of Environmental Services 13 (Presiding as Chairman) 14 Amy Ignatius, Cmsr. Public Utilities Commission William Janelle, Asst. Dir. Dept. of Transportation N.H. Div. of Historical Res. 15 Elizabeth Muzzey, Dir. Harry Stewart, Dir. Water Division - DES Air Resources Division - DES 16 Craig Wright, Asst. Dir. Donald Kent, Administrator Dept. of Resources & Econ. Dev. 17 Christopher Northrop Office of Energy & Planning Michael Harrington Public Utilities Commission 18 19 20 Counsel for the Committee: Michael Iacopino, Esq. 21 22 23 COURT REPORTER: STEVEN E. PATNAUDE, LCR No. 52 24

1 2 ALSO PRESENT: 3 **REPTG. THE APPLICANT:** Barry Needleman, Esq. (Laidlaw Berlin BioPower) Gregory H. Smith, Esq. Cathryn E. Vaughn, Esq. 4 (McLane, Graf, Raulerson 5 & Middleton) Peter D. Van Oot, Esq. 6 **REPTG. CITY OF BERLIN:** Merritt Schnipper, Esq. 7 (Downs Rachlin Martin) 8 REPTG. CLEAN POWER DEVELOPMENT: James T. Rodier, Esq. 9 COUNSEL FOR THE PUBLIC: K. Allen Brooks, Esq. Peter C. L. Roth, Esq. 10 Senior Asst. Attys. General N.H. Dept. of Justice 11 12 13 14 15 16 17 18 19 20 21 22 23 24

3 1 2 INDEX 3 PAGE NO. PUBLIC STATEMENTS BY: 4 5 Mayor Paul Grenier 24 Cmsr. Burnham Judd 6 26 7 Douglas Patch 28 William Fortune 31 8 9 Jonathan Edwards 37 10 Paul Grenier 41 11 12 \* \* 13 WITNESS PANEL: PAGE NO. 14 LOUIS T. BRAVAKIS CARL S. STRICKLER 15 DAMMON M. FRECKER 45, 55, 79 16 Direct examination by Mr. Needleman 59, 60 17 Cross-examination by Mr. Van Oot 61, 80 18 Cross-examination by Mr. Rodier 19 20 21 22 23 24

EXHIBITS 1 2 EXHIBIT NO. DESCRIPTION PAGE NO. Laidlaw 1 Application of Laidlaw Berlin 3 Premarked BioPower, LLC for Certificate 4 of Site and Facility (12-16-09) 5 Laidlaw 2 Supplement to Appendix P Premarked (03 - 10 - 10)6 Laidlaw 3 Waiver Request (Part d(4) Premarked 7 of Application) (04-02-10) 8 Laidlaw 4 Revised Electric Interconnection Premarked Construction Method (Part g 9 of Application) (04-02-10) Laidlaw 5 Amendment to Application (p. 92) 10 Premarked (05 - 07 - 10)11 Laidlaw 6 Amendments to the Application Premarked 12 (08 - 16 - 10)Laidlaw 7 13 Amendment to Appendix A of Premarked the Application (08 - 16 - 10)14 15 Laidlaw 8 New Organizational Chart Premarked (08 - 16 - 10)16 Laidlaw 9 Testimony of Louis Bravakis Premarked 17 (12 - 16 - 09)Laidlaw 10 Supplemental Testimony of Premarked 18 Louis T. Bravakis (07-09-10) 19 Laidlaw 11 Figure (h)(3)(iv) - 2 Existing Premarked 20 Conditions - View from Community Street Ballfield 21 Laidlaw 12 Figure (h)(3)(iv) - 3 Proposed Premarked 22 Conditions - View From Community Street Ballfield 23 24

1 EXHIBITS (continued) 2 EXHIBIT NO. DESCRIPTION PAGE NO. Laidlaw 13 3 Letter from Community EFSEC Premarked Advisory Committee (03-12-10) 4 Laidlaw 14 Applicant's Responses to Clean Premarked 5 Power Development's Data Requests (04-26-10) 6 Laidlaw 15 Applicant's Responses to City Premarked 7 of Berlin's Data Requests (04 - 26 - 10)8 Laidlaw 16 Applicant's Responses to N.H. Premarked 9 Sierra Club's Data Requests (05-24-10)10 Laidlaw 17 Clean Power Development's Premarked 11 Responses to Applicant's Data Requests 12 Laidlaw 18 Premarked Applicant's Responses to Wagner 13 Forest Management's Data Requests (04 - 26 - 10)14 Laidlaw 19 Biomass Power Assn. CEO: Premarked 15 Massachusetts Biomass Study Badly Misrepresents Biomass 16 Industry Practices Laidlaw 20 17 Applicant's Responses to Data Premarked Requests from First Technical 18 Session (05-17-10) 19 Laidlaw 21 Att. 1 to Applicant's Response Premarked to Data Requests from first 20 Tech. Session - Biomass Power and Conventional Fossil Systems 21 with and without CO2 Sequestration 22 23 24

EXHIBITS (continued) 1 2 EXHIBIT NO. DESCRIPTION PAGE NO. Laidlaw 22 3 Att. 2 to Applicant's Response Premarked to Data Requests from First Tech. Session - A Comparison of 4 the Environmental Consequences of 5 Power from Biomass, Coal, and Natural Gas 6 Laidlaw 23 Att. 4 to Applicant's Response Premarked 7 to Data Requests from First Tech. Session - Figure (h)(3)(ii) -8 1 Predicted Daytime Sound Pressure Levels 9 Laidlaw 24 Att. 5 to Applicant's Response Premarked to Data Requests from First Tech. 10 Session - Overall Site Layout & Materials plan 11 12 Laidlaw 25 Att. 6 to Applicant's Response Premarked to Data Requests from First Tech. 13 Session - Hazen Research Sample Identification Whole Tree Chips 14 Laidlaw 26 Att. 7 to Applicant's Response Premarked 15 to Data Requests from First Tech. Session - Biomass Availability Analysis - Five Counties of 16 Western Massachusetts 17 Laidlaw 27 Atty. 8 to Applicant's Response Premarked to Data Requests from First Tech. 18 Session - Cousineau Forest Products letter 19 Laidlaw 28 20 Atty. 9 to Applicant's Response Premarked to Data Requests from First Tech. 21 Session - Annual Fuel Requirements at 87.5% Capacity Factor 22 Laidlaw 29 Statement from Manomet on the Premarked 23 Biomass Study 24

EXHIBITS (continued) 1 2 EXHIBIT NO. DESCRIPTION PAGE NO. Laidlaw 30 3 Mass. Releases Study of Premarked Environmental Effects of Wood 4 Biomass Electricity Proposals 5 Laidlaw 31 Letter from Coos County Premarked Commissioners (07-09-10) 6 Laidlaw 32 Letter from Mayor Grenier Premarked 7 (07 - 12 - 10)8 Laidlaw 33 Testimony of Michael Bartoszek Premarked (12 - 16 - 09)9 Laidlaw 34 Amendment to Testimony of Premarked Michael B. Bartoszek (p.7-8) 10 (05 - 07 - 10)11 Laidlaw 35 Supplemental Testimony of Premarked Michael B. Bartoszek 12 (07 - 09 - 10)13 Amendment to Testimony of Premarked Laidlaw 36 14 Michael B. Bartoszek (08 - 16 - 10)15 Laidlaw 37 Applicant's Responses to Premarked 16 Counsel for the Public's Data Requests (04-30-10) 17 Laidlaw 38 Premarked Development Agreement and 18 Associated Documents \*\*\*CONFIDENTIAL\*\*\* 19 Laidlaw 39 Premarked Power Purchase Agreement \*\*\*CONFIDENTIAL\*\*\* 20 21 Laidlaw 40 Power Purchase Agreement Premarked REDACTED - FOR PUBLIC USE 22 Laidlaw 41 Comfort Letter from Hancock Premarked 23 \*\*\*CONFIDENTIAL\*\*\* 24

1 EXHIBITS (continued) 2 EXHIBIT NO. DESCRIPTION PAGE NO. 3 Laidlaw 42 Comfort Letter from KBCM Premarked \*\*\*CONFIDENTIAL\*\*\* 4 Laidlaw 43 Pro Forma Premarked 5 \*\*\*CONFIDENTIAL\*\*\* Laidlaw 44 6 Testimony of Dammon Frecker Premarked (12 - 16 - 09)7 Laidlaw 45 N.H. DES Sewer Permit (04-21-10) Premarked 8 Laidlaw 46 N.H. DES Alteration of Terrain, Premarked 9 Shoreland, Wastewater Sewer, and Industrial Wastewater Indirect Discharge Recommended Permit 10 Conditions (04-21-10) 11 Laidlaw 47 N.H. DES Industrial Wastewater Premarked Indirect Discharge Request 12 (IDR) Approval (04-21-10) 13 Laidlaw 48 Amended Air Permit Application Premarked 14 (05 - 27 - 10)Laidlaw 49 N.H. Division of Historical Premarked 15 Resources Final Report (07-23-10) 16 Laidlaw 50 N.H. DES Final Decision on Premarked 17 Air Permit (07-26-10) Laidlaw 51 Testimony of Carl Strickler Premarked 18 (12 - 16 - 09)19 Laidlaw 52 Amended Testimony of Carl Premarked 20 Strickler (08-16-10) 21 Laidlaw 53 Michael Loulakis and Michael Premarked Ferre Professional Biographies 22 Laidlaw 54 Testimony of Raymond Kusche Premarked 23 (12 - 16 - 09)24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

EXHIBITS (continued) 1 2 EXHIBIT NO. DESCRIPTION PAGE NO. Laidlaw 55 3 Supplemental Testimony of Premarked Raymond S. Kusche (07-09-10) 4 Laidlaw 56 Steady State System Impact Study Premarked \*\*\*CONFIDENTIAL\*\*\* 5 Laidlaw 57 Nacogdoches Generating Facility 6 Premarked 7 Laidlaw 58 Gainesville Renewable Energy Premarked Center 8 Laidlaw 59 Premarked UK Approves World's Biggest 9 (350MW) Biomass Plant: Will Power Half of All Homes in Wales 10 Laidlaw 60 Sustainability Condition Premarked 11 12 Berlin 1 Proposed Certificate Conditions 13 Premarked Berlin 1A Conceptual Landscaping Plan 14 Premarked 15 Berlin 1B Laidlaw Landscaping Scope Premarked (Narrative) 16 Berlin 1C Laidlaw Landscaping Scope Premarked 17 (Drawing) Scope of Work for Subsurface 18 Berlin 1D Premarked Investigation 19 Berlin 2 Pamela Laflamme Curriculum Vitae Premarked 20 Berlin 3 Pamela Laflamme Prefiled Premarked 21 Testimony 22 Berlin 4 City of Berlin Zoning Ordinance Premarked 23 24

1 EXHIBITS (continued) 2 EXHIBIT NO. DESCRIPTION PAGE NO. 3 CPD 1 Prefiled Testimony of Melvin Premarked E. Liston 4 CPD 2 Prefiled Testimony of William Premarked 5 W. Gabler CPD 3 Supplemental Testimony of Premarked 6 William W. Gabler 7 CPD 4 Applicant's Response to Public Premarked 8 Counsel Data Request No. 14 9 CPD 5 ISO-NE Reliability Actions Premarked Letter 8/16/2010 & 8/17/2010 10 11 + + PC 1 Covenant not to sue in re: Premarked 12 Acquisition of Berlin/Gorham 13 Mills; the Mt. Carberry Landfill; and certain hydroelectric assets 14 PC 2 U.S. EPA Region I Agreement for Premarked 15 Addressing PCB Contamination at the T-1 Transformer Area 16 PC 3 Agreement for the Leachate of Premarked 17 Dummer Yard Leachate PC 4 Letter from Attorney General 18 Premarked Dept. of Justice by Peter C.L. Roth to Barry Needleman 19 (08 - 27 - 08)20 21 \* \* \* 22 Sierra Letter from N.H. Sierra Club 18 Club 1 by Arthur Cunningham 23 24 {SEC 2009-02} [Day 1/Morning session] {08-23-10}

1 PROCEEDING CHAIRMAN BURACK: Good morning, ladies 2 and gentlemen. We are here today for a public meeting of 3 the Subcommittee of the New Hampshire Site Evaluation 4 5 Committee. As many of you already know, the Committee is established by RSA 162-H. The membership of this 6 7 Subcommittee includes the commissioners or directors of a number of State agencies, as well as designated senior 8 personnel from various State agencies. At this point, I 9 will introduce myself, and then I will ask the members of 10 11 the Subcommittee who are present at this meeting to introduce themselves, by providing their names, their job 12 titles, and their State agency affiliations. My name is 13 14 Tom Burack. I serve as Commissioner of the State's 15 Department of Environmental Services. And, in that capacity, by statute, I also serve as Chair of this Site 16 17 Evaluation Committee, and I designated myself to serve as Chair of this Subcommittee. 18 19 So, with that, going to turn over to my 20 right, and ask the members of the committee --21 subcommittee if they would please introduce themselves for 22 the record. 23 Don Kent, with the Department DR. KENT: 24 of Resources/Economic Development.

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1 CHAIRMAN BURACK: And, Don, your title 2 there is? DR. KENT: Administrator. 3 4 CHAIRMAN BURACK: Thank you. 5 DR. KENT: Of Natural Heritage Bureau. 6 Thank you. 7 MR. WRIGHT: Craig Wright, Assistant 8 Director for the Department of Environmental Services, Air 9 Resources Division. DIR. MUZZEY: Elizabeth Muzzey, Director 10 11 of the New Hampshire Division of Historical Resources and the Department of Cultural Resources and State Historic 12 Preservation Office. 13 14 DIR. STEWART: Harry Stewart, Water 15 Division Director, Department of Environmental Services. 16 MR. NORTHRUP: Chris Northrup, Principal 17 Planner, New Hampshire Office of Energy & Planning. MR. JANELLE: Bill Janelle, Assistant 18 19 Director of Operations, New Hampshire Department of 20 Transportation. 21 MR. HARRINGTON: Michael Harrington, 22 Senior Regional Policy Adviser for the Public Utilities 23 Commission, and filling the roles of the PUC engineer in 24 these hearings.

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

CMSR. IGNATIUS: Amy Ignatius, 1 Commissioner here with the New Hampshire PUC. 2 MR. IACOPINO: And, my name is Mike 3 Iacopino. I am Counsel to the Committee. 4 5 CHAIRMAN BURACK: Thank you, all. Our agenda today involves only one item: An adjudicatory 6 7 hearing in Docket Number 2009-02, Application of Laidlaw Berlin BioPower, LLC, for a Certificate of Site and 8 Facility for a 70 megawatt biomass fueled energy facility 9 in Berlin, Coos County, New Hampshire. Today's meeting 10 was convened as the result of an Order and Notice of Final 11 Prehearing Conference and Public Adjudicative Proceedings 12 that I issued on July 21, 2010. Notice of today's public 13 meeting was published in the Union Leader, a newspaper of 14 general statewide circulation, on Monday, August 2, 2010. 15 16 Notice was also published in the Berlin Daily Sun, a paper 17 of general circulation in Coos County, on Wednesday, July 28, 2010. Affidavits attesting to publication were 18 filed with the Committee, and they will become part of the 19 record in this docket. 20 21 I'm going to briefly now describe the 22 Application. On December 16, 2009, Laidlaw Berlin 23 BioPower, LLC, known as the "Applicant", filed an

Application for a Certificate of Site and Facility, which

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

24

we will refer to as the "Application". The Applicant 1 petitions the Site Evaluation Committee, otherwise known 2 as the "Committee", for a Certificate of Site and 3 Facility, which we will refer to as the "Certificate", in 4 order to site, construct and operate a renewable energy 5 facility, which we will refer to as the "Facility", in 6 7 Berlin, Coos County, New Hampshire. The Applicant proposes to site, construct and operate a biomass fueled 8 facility nominally capable of generating 70 megawatts of 9 electric power. On January 26, 2010, I accepted the 10 11 Application as administratively complete and appointed a Subcommittee to review the Application as provided in New 12 Hampshire RSA 162-H:6-a, III, and RSA 162-H:4, V, 13 providing for a designation of a subcommittee. 14 15 The facility is located in Berlin, at 16 the site of the former Fraser Pulp Mill, which was also 17 sometimes referred to as the "Burgess Mill". The site contains existing structures and encompasses approximately 18 62 acres comprising the southern half of a 120-acre site 19 20 formerly used as a pulp production facility. The facility 21 is proposed to be located on the northern side of 22 Community Street, Coos Street and Hutchins Street, in 23 Berlin, known -- that general area will be known as the "Site". The Androscoggin River runs along the northwest 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

boundary of the Site. The northeast border of the Site 1 abuts the remaining portion of the former Fraser Mill. 2 The Applicant proposes to convert and 3 upgrade the Site and to develop a biomass fueled energy 4 generating facility nominally capable of generating 70 5 megawatts of electric power. The Facility, as proposed, 6 7 will use whole tree wood chips and other low grade clean 8 wood as fuel. The Applicant proposes to convert an existing boiler manufactured by Babcock & Wilcox at the 9 10 Site to a bubbling fluidized bed boiler that will use 11 whole tree wood chips as its primary fuel, and ultra low sulphur diesel oil as auxillary fuel. In addition to the 12 boiler, the facility will consist of a steam turbine 13 generator, wood handing system, including a round wood 14 chipping facility, ash handling system, storm water 15 16 management systems, two re-circulating water systems for steam generation and cooling, air pollution control 17 systems, including a flue gas recirculation system, an 18 upgraded electrostatic percipitator, and a selective 19 20 catalytic reduction system.

The Applicant also proposes to renovate an existing 50,000 gallon ultra low sulphur diesel fuel tank to store the auxillary fuel. In addition, the Applicant seeks to construct a new switchyard adjacent to

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

the turbine building, consisting of a step-up transformer and single breaker.

1

2

The new switchyard is proposed to be 3 connected to the existing East Side Substation 300 4 operated by Public Service Company of New Hampshire, known 5 A new 115 kilovolt transmission line will be as "PSNH". 6 7 installed. Portions of the transmission line will run 8 both underground and overhead. The underground portion of the transmission line will be installed in the same 9 10 general corridor as an existing 18-inch diameter 11 fiberglass reinforced pipe formerly used to transport pulp from the Site to Fraser's Paper Mill in Gorham, Coos 12 County, New Hampshire. The underground portion of the 13 transmission line will leave the site near the 14 15 intersection of Coos and Community Street, and generally 16 follow the route of the former rail bed from the south end of the Site to the north end of Shelby Street. 17 The underground portion of the transmission line will then 18 travel within an existing easement along Shelby Street and 19 Devent Street. The transmission line will then transition 20 21 to overhead conductors from the east side of Devent Street 22 and terminate at the PSNH East Side Substation 300. The 23 underground portion of the transmission line is proposed to run for an estimated length of 3,200 feet and the 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

overhead portion of the transmission line is estimated to
 be 800 feet.

The Application contains a series of site plans, maps, figures, photographs and drawings that detail the nature and location of various aspects of the facility.

7 The public will be represented in these 8 proceedings by duly appointed Counsel for the Public, K. Allen Brooks and Peter Roth; both are Senior Assistant 9 Attorneys General. The parties to the adjudicative 10 11 proceedings are the Applicant, represented by Barry Needleman, of McLane, Graf, Raulerson & Middleton; the 12 City of Berlin, represented by Peter Van Oot and Merritt 13 14 Schnipper, of Downs, Rachlin & Martin; Clean Power 15 Development, LLC, represented by James Rodier, Esquire; 16 the Coos County Commissioners; Wagner Forest Management 17 Limited; and the New Hampshire Sierra Club represented by Arthur Cunningham, Esquire. 18

I have been advised that Wagner Forest Management and the New Hampshire Sierra Club do not wish to participate further in these adjudicative proceedings. I have received a one-page letter from Attorney Cunningham, which will be placed into the record and marked as "Sierra Club Exhibit 1".

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

18 (The document, as described, was 1 herewith marked as Sierra Club Exhibit 1 2 for identification.) 3 CHAIRMAN BURACK: I have also been 4 advised that, with the exception of making a public 5 statement, the Coos County Commissioners do not wish to 6 7 further participate in the adjudicative proceedings. I'm going to talk a little bit about the 8 procedure here that we're going to follow. 9 In this proceeding, we will first take appearances. We will then 10 11 address some miscellaneous matters, including a motion to intervene that was filed on Friday of this past week by 12 Industrial Consultants, Inc. 13 I will then permit a period of public 14 15 comment to accommodate any members of the public who may 16 not be able to stay until the end of the proceeding. Ι 17 understand that the Mayor of Berlin, the Coos County Commissioners, and Gestamp Biomass are all interested in 18 making public comments this morning. And, I would ask 19 20 that if any other members of the public are interested in 21 making brief comments that they just raise their hand at 22 this time? 23 (Show of hands.) One other individual, 24 CHAIRMAN BURACK: {SEC 2009-02} [Day 1/Morning session] {08-23-10}

two other individuals. Okay. Thank you very much. 1 Again, we will hear from each of these individuals, and 2 from any other members of the public who wish to speak. 3 Ι will ask each of the persons wishing to make public 4 comments to keep them brief and to the point. We will 5 then proceed with the evidentiary portion of the hearing. 6 7 In the evidentiary portion, the 8 Applicant will present its witnesses, along with any prefiled testimony and exhibits. It is my understanding 9 10 that the Applicant will first present a panel of witnesses 11 including Louis Bravakis, Carl Strickler, and Dammon The Applicant will then present Michael 12 Frecker. Bartoszek, followed by Raymond Kusche. The order of 13 further examination of the Applicant's witnesses will be 14 15 as follows: First, cross-examination by the City of Berlin, then cross-examination by Clean Power Development, 16 17 followed by cross-examination by Counsel for the Public, and then questions from members of the Subcommittee. 18 19 When the Applicant has rested its case, 20 we will then allow the City of Berlin to present its witness, Ms. Laflamme, and the City's exhibits. 21 22 Ms. Laflamme will be examined in the following order: 23 Cross-examination by the Applicant, cross-examination by Clean Power Development, followed by cross-examination by 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

Counsel for the Public, followed by questions from members of the Subcommittee.

1

2

Once the City has presented its case, 3 Clean Power Development will present its witnesses and 4 exhibits. As I understand it, Clean Power Development 5 will present testimony from Mel Liston, followed by 6 7 testimony from William Gabler. The order of examination for each of those witnesses will be: 8 First, cross-examination by the Applicant, then cross-examination 9 by Counsel for the Public -- I'm sorry, cross-examination 10 by the City of Berlin, followed by cross-examination by 11 Counsel for the Public, and followed by counsel -- by 12 questions from the Subcommittee. 13

14 When we have completed the evidence, and 15 I should note that I expect that this process will take several days, I will consider allowing the parties to make 16 17 brief closing arguments. Thereafter, I will open the floor once again to public comments. I will then close 18 the evidentiary portion of the adjudicative proceeding. 19 20 And, if appropriate, we may move into a deliberative 21 proceeding, at which time the Committee will consider the 22 merits of the Application; or, we may decide to adjourn 23 and schedule further hearings for the purpose of deliberation or further meetings for the purpose of 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1 deliberation.

21

I'd like to now address the Motion to 2 Intervene that was filed by Industrial Consultants, Inc., 3 this past Friday, August 20, 2010. I should also note 4 that the Applicant this morning filed an objection to that 5 petition. Later today, I will issue an order denying the 6 7 Motion to Intervene of Industrial Consultants, Inc., on various grounds, including that the interests asserted are 8 speculative, and that it is untimely, and that it would 9 10 interfere with the orderly and prompt conduct of the 11 proceedings. I should note, however, that the entity filing that motion is certainly welcome to make public 12 comment in this proceeding. 13

14 I want to discuss several housekeeping 15 First, I would ask that you would all please matters. 16 turn off or silence all cellphones, pagers, beepers, and 17 other electronic equipment that you may have with you of Take just a moment to give folks an 18 that kind. opportunity to do that, and make sure that I have done so 19 20 myself.

(Short pause.)

CHAIRMAN BURACK: Good. Second, I want to welcome anyone, if they wish, to remove their jackets or just do whatever they need to do to be comfortable

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

here, please do so. I should also note that there is a 1 water cooler, with cups, right outside the door here. 2 Next, I must ask the parties, the 3 public, and the press to understand that this is a 4 quasi-judicial proceeding, and that the State agency 5 officials sitting here on the Subcommittee will be the 6 7 decision-makers in this matter. And, accordingly, to avoid any potential ex parte communications between any 8 individuals, again, whether parties, public, or the press, 9 and members of the Subcommittee, I must request that any 10 11 questions or comments or concerns about the proceedings be directed solely to our legal counsel, the gentleman 12 sitting to my right, Michael Iacopino. 13 14 I also wish to recognize our 15 stenographer, Steven Patnaude, and I will also note for 16 all the parties that, in our afternoon sessions, Sue Robidas will be sitting in as court reporter. Please 17 understand that it's the job of these individuals to make 18 a record of everything that is said here in this process. 19 20 And, so, I will ask folks to please not speak on top of 21 each other, but to speak loudly enough and clearly enough 22 so that you can be heard and understood by the 23 stenographer. This morning our plan will be to proceed 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

until approximately 11:30 or so. We'll then take a brief 1 break. We will return for approximately another hour or 2 so of proceedings. And, then, we will take a lunch break, 3 probably of about an hour and a quarter in length, and 4 5 then we will resume. I expect that we will try wrap up today, and probably each other day, around 5:00. 6 I would 7 ask, if any of the parties to the proceeding, if they have any time limitations or concerns with respect to their 8 schedules on any of the days throughout the week, if they 9 would please let Attorney Iacopino know as soon as 10 possible so we can do our best to try to accommodate any 11 of those issues. 12 So, having said all of that, let me now 13 ask the parties if they would please make their 14 15 appearances, starting with the Applicant. 16 MR. NEEDLEMAN: Good morning, Mr. Chair. 17 Barry Needleman, from McLane, Graf, Raulerson & Middleton, on behalf of the Applicant. And, with me are my 18 19 colleagues, Greg Smith and Kate Vaughn. 20 CHAIRMAN BURACK: Thank you. 21 MR. BROOKS: Allen Brooks, as Counsel 22 for the Public. 23 MR. ROTH: Good morning. Peter Roth, as Counsel for the Public. 24 {SEC 2009-02} [Day 1/Morning session] {08-23-10}

1 CHAIRMAN BURACK: City of Berlin. 2 MR. VAN OOT: Peter Van Oot, counsel for the City of Berlin. 3 4 MR. SCHNIPPER: Merritt Schnipper, counsel for the City of Berlin. 5 MR. RODIER: Jim Rodier, representing 6 7 Clean Power Development. 8 CHAIRMAN BURACK: Thank you very much. I'm now going to turn to public comment in this 9 proceeding. And, first, ask the Mayor of the City of 10 11 Berlin if he wishes to make a statement. And, again, I'll ask all the individuals wishing to make statements to 12 please come forward to the rostrum here and introduce 13 yourself please. 14 15 MAYOR GRENIER: Mr. Chairman, members of 16 the Committee, my name is Paul Grenier. I serve as dual 17 capacity as a Coos County Commissioner from Berlin, but I'm going to address you today as Mayor of Berlin. 18 My counterpart, Burnham Judd, will speak on behalf of the 19 issues for Coos County. 20 21 I rise in support of this project, and 22 the City rises in support of this project, providing that 23 the agreed upon stipulations be placed as a condition of issuance for a site certificate. I'm pleased to announce 24 {SEC 2009-02} [Day 1/Morning session] {08-23-10}

that the City of Berlin and Laidlaw Berlin BioPower have 1 reached a tentative agreement on its stipulations and 2 principles of agreement for the project in the City of 3 As you know, a project of this size has impacts. 4 Berlin. And, the agreement mitigates virtually all of the impacts 5 to the City. Laidlaw has been a stellar corporate 6 7 citizen/developer to work the issues out with. In my years in public service, it's been a long time since I was 8 able to sit down and the City was able to sit down with a 9 developer and work out issues critical to the citizens of 10 11 It's a welcome breath of fresh air as far as the City. I'm concerned for the community. 12

In a new development, this project is 13 going to create almost \$3 million of new market tax 14 credits, of which 2.25 million will benefit Coos County to 15 16 help small to medium size businesses who could benefit from the project, access capital to make their businesses 17 able to supply needed fuel for the Laidlaw Berlin project. 18 Also, \$500,000 is set up to be used for the City of Berlin 19 20 for a community benefit project. There have been a number 21 of projects that we have looked at, but the City Council 22 has not taken a position on how that \$500,000 would be 23 best spent. But that's another significant impact that would greatly benefit the City of Berlin. 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1 I have some comments that I'd like to 2 make on a personal level, but I am here in my official capacity as the City of Berlin. So, again, because the 3 stipulations have been finalized between the two parties, 4 the City would like to be on record as supporting the 5 project. Thank you. 6 7 CHAIRMAN BURACK: Thank you, Mayor. Would now like to call upon I understand it's Commissioner 8 Burnham or Bing Judd, the Coos County Commissioners, you 9 wish to make a statement. 10 11 CMSR. JUDD: Thank you, Mr. Chairman, members of the Committee. I hope you don't mind if I read 12 this. I can read better than I can remember, so... 13 14 My name is Burnham Judd and I'm Chairman 15 of the Coos County Board of Commissioners. The Board, 16 over a year ago, voted unanimously to support the 17 permitting, construction and operation of the Laidlaw Berlin BioPower facility on what is known as the old 18 "Burgess Pulp Mill" site in Berlin. 19 20 This Project, when completed, will 21 employ 40 people directly on-site, and over 200 people in 22 the logging and wood procurement industry the outer 23 reaches of -- in the outer reaches of Coos County. The northern areas of Coos County have been devastated by the 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

closures of the Fraser Pulp Mill in Berlin, the Wausau and 1 Groveton Paperboard Mills in Groveton, and the Ethan Allen 2 Furniture plant in nearby Beecher Falls, Vermont. 3 4 Our county has the highest tax burden as 5 a percentage of income anywhere in the state. And, with the Laidlaw Project becoming a reality, there will be a 6 7 huge addition to the county's taxable valuation, helping 8 everyone in the county. This Project, however, is about jobs. 9 For Coos County to be successful, it must take advantage 10 of its strength, that being the vast forest. 11 I urge all of you to support the 12 issuance of the site certificate for operation without 13 delay, so we can begin to rebuild our devastated economy 14 15 in Coos County. Thank you for your time and attention. CHAIRMAN BURACK: Thank you very much, 16 17 Mr. Judd. Do you have a copy of your letter? CMSR. JUDD: I can give you this. 18 CHAIRMAN BURACK: Very good. If you 19 20 could provide that to our stenographer, that would be very 21 helpful. Thank you. And, we will mark that. 22 Okay. Thank you very much. Next would 23 like to call upon Douglas Patch, Esquire, who will make a statement on behalf of Gestamp Biomass. 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1 MR. PATCH: Good morning, Mr. Chairman, members of the Committee. My name is Doug Patch. 2 I'm with the law firm of Orr & Reno. And, I've been asked to 3 read into the record today, the public record, a letter on 4 behalf of Gestamp Biomass International, LLC. And, this 5 is a letter from Emilio Luis Lopez Carmona, who is the CEO 6 7 of Gestamp Biomass. 8 I am writing to you on behalf of Gestamp Biomass International, a company of Gestamp Corporation, 9

10 to offer public comments with regard to the Application of 11 Laidlaw Berlin BioPower, LLC, for a Certificate of Site 12 and Facility to construct and operate a renewable energy 13 facility in Berlin. We appreciate the opportunity to 14 offer these comments.

15 Gestamp Corporation is a Spanish global 16 company with 20,000 employees, industrial steel manufacturing related facilities in 25 countries, 17 including the United States, and a strong presence in the 18 renewable energy business in 10 countries, including the 19 20 U.S. Through its affiliate, Gestamp Renewables, Gestamp 21 is very much committed to the expansion of renewable 22 energy and has entered the American market to install, own 23 and operate wind, solar, and biomass energy facilities. Gestamp's philosophy matches that of Clean Power 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

Development, in that it wants attractive projects that are environmentally and socially responsible with a maximized synergy with the surrounding community and industry. Gestamp Biomass International, a subdivision of the larger American effort, favors projects with the most efficient combined heat and power design that match the long term sustainability parameters of the regional working forest.

Gestamp has entered an exclusive 8 agreement with CPD to finance, own and operate the 9 10 projects developed by CPD in the Northeast sector of the 11 United States. CPD will have a long term interest in each project and provide various ongoing services to the 12 projects during construction and operation. 13 Gestamp has committed to finance the Clean Power Berlin project as the 14 first Gestamp project to be built in the U.S. 15 This 16 project will be a model of what Gestamp does elsewhere and will showcase all the attributes it desires in a quality 17 facility. 18

19 Gestamp looks to the outcome of this 20 proceeding as a signal from New Hampshire as to its desire 21 to have an appropriate facility for Berlin, built and 22 operated by a company that has significant financial 23 resources and experience in the biomass business. Gestamp 24 is ready to start the CPD Berlin project as soon as issues

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1 related to the market for the energy produced by the project and fuel supply are resolved. Gestamp is very 2 concerned as to the fuel supply issue, not only as it may 3 impact the Berlin project, but the negative and limiting 4 effect it may have on other projects it hopes to do within 5 New Hampshire and surrounding states. Gestamp believes in 6 7 a smaller, more decentralized approach that will lead to the development of more projects that will create 8 significantly more economic prosperity from a given fuel 9 10 resource.

11 Gestamp has numerous biomass projects in other countries and it speaks from experience when it 12 brings to the Committee's attention the fact that 13 availability and price of fuel that can be delivered and 14 15 sustained is paramount to the long term success of a 16 biomass project. The initial Clean Power Berlin project 17 should be the beginning of a development process that continues for many years as this project can bring in or 18 attract and encourage the industries that will function in 19 20 synergy with the CPD facility. Gestamp is very much 21 committed to making a difference in the economic 22 prosperity of the Berlin region and what that can mean 23 over time. As you consider the economic development of the Berlin area, consider that the Gestamp/CPD approach 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

offers greater positive economic impact and job creation 1 for a given biomass resource, and very good synergy for 2 the struggling paper mill in Gorham, as well as the 3 ability to help bring new business to the region. 4 Thank you again for the opportunity to 5 provide comments during the course of this proceeding. 6 7 CHAIRMAN BURACK: Thank you, Attorney 8 Patch. And, we have a copy of the letter that you have read from, and we will include this as an exhibit in the 9 record as well. 10 I believe I saw hands from two 11 Okav. other individuals who wish to make public statements. 12 And, Mayor Grenier, did I understand that you also wish to 13 make a personal statement as well? Okay. Thank you. 14 So, we'll hear first from the two individuals who previously 15 raised their hand, and then we'll come back to you, 16 17 Mr. Grenier. The gentleman on the right, sir, would you please come forward and introduce yourself. 18 19 MR. FORTUNE: Good morning. I'm William 20 Fortune, President of Industrial Consultants Incorporated. 21 We take notice of Chapter 162-H:1, declaration of purpose 22 of your Committee. We also take notice that the Attorney 23 General's responsibility is to represent the public interest in these matters. Pursuant to Chapter 162-H:1 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

and to RSA 541-A:32, we filed a Petition to Intervene. Our purpose for requesting that we intervene is two-fold: Efficiency and pollution.

1

2

3

First, there is a company in the State 4 of New Hampshire that has put together several existing 5 and proven technologies that will eliminate the burning of 6 7 biomass, an ancient, inefficient method of producing 8 energy, resulting in more pollution than the gasification and the Fischer-Tropsch process. This new method will 9 reduce the relative amount of biomass needed by utilizing 10 some of the waste that is presently going into landfills. 11 And, this process has an efficiency of 75 to 80 percent. 12

As explained in our petition, if this 13 14 new process were to be used -- excuse me, sorry -- if this 15 new process were to use the 700,000 tons of wood chips 16 that Laidlaw proposed, it would produce 100 megawatts of 17 electricity, 100,000 gallons per day of clean diesel fuel, and enough heat to heat, if not all, most of the City of 18 But using all those wood chips is not necessary 19 Berlin. 20 to produce this amount of clean energy, because other 21 feedstocks, such as some wastes can be used.

This process will have a seven to one reduction in NOx emissions compared to the Laidlaw plant. And, the CO2 emissions would be reduced by a factor of

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1 The sulfur emissions will be reduced by a factor three. I want to repeat that. The sulfur emissions will of ten. be reduced by a factor of ten. 3

2

The waste heat can be used to offset the 4 use of home heating oil, thus further reducing the 5 environmental impact. Clean diesel is a superior product 6 7 compared to bio-fuels. And, I believe Laidlaw is not There is no need to blend synthetic diesel, 8 doing this. and it can be used directly down to minus 60 degrees 9 Fahrenheit. And, more importantly, this new process is 10 economically viable without government or taxpayer 11 subsidies. 12

Again, I want to emphasize the purpose 13 of this Site Evaluation and the duties of the Attorney 14 15 General. The acceptance of our Petition to Intervene will 16 allow us to input information to the evaluation process. 17 If this Committee rejects our Petition to Intervene, then we must turn to the Office of the Attorney General and to 18 19 the courts, because the Laidlaw proposal is not in the 20 best interest of the State of New Hampshire and the 21 citizens.

22 Further, if Clean Power Development 23 prevails in these proceedings, their victory will be moot, because we contend, as have others, that their burning of 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

biomass is not economically viable without more burden to
 the taxpayers and the ratepayers. Also, it is not in the
 best interest of the citizens of the State of New
 Hampshire for environmental reasons.

If our petition is denied, we next turn 5 to the Office of the Attorney General. The attorneys from 6 7 the Attorney General's Office, at the pre-trial conference 8 on Friday last stated that they were not able or willing to add another issue to their agenda, presumably because 9 their workload and time constraints of these hearings. 10 In view of this, we contend that the public will not be 11 properly represented as required by law. 12

If we are able to intervene, or if the 13 14 Attorney General is able to intervene properly, we contend 15 that a review of the new technology will render the 16 Applicant's application and their adversaries' objections There is no need to delay the Laidlaw 17 a moot issue. project, because this new plant design can be substituted 18 for their present design. I want to make that clear, that 19 20 we intend not to delay this project in any way, but just 21 to change the method of using the wood chips. We take and 22 will take exception to the notion that this is a new 23 technology that has not been proven, and we will produce 24 evidence.

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1 So, therefore, we request that this Committee accept our Petition to Intervene and recess 2 these hearings to allow time for the Attorney General and 3 all parties involved to review the new process. We 4 5 propose that all parties come together during the recess and resolve their issues without delay, in a way that will 6 7 avoid further litigation, and is beneficial to the parties and to the citizens of the State of New Hampshire. 8 Thank 9 you. MR. HARRINGTON: Mr. Chairman? 10 11 CHAIRMAN BURACK: Yes, Mr. Harrington. MR. HARRINGTON: Could I just ask a 12 question to repeat something? Excuse me. 13 14 CHAIRMAN BURACK: Mr. Fortune, would you 15 come back please. Hold on for a second. 16 MR. HARRINGTON: You had mentioned some process, and I didn't catch what it was? 17 MR. FORTUNE: The Fischer-Tropsch 18 19 process. 20 MR. HARRINGTON: Could you say that a 21 little slower? 22 MR. FORTUNE: Yes. It's the -- well, 23 it's the gasification first. MR. HARRINGTON: 24 Yes. {SEC 2009-02} [Day 1/Morning session] {08-23-10}

1 MR. FORTUNE: And, then, the synthetic 2 gases are run through a Fischer-Tropsch process. CHAIRMAN BURACK: Could you spell that 3 for us please? 4 MR. FORTUNE: I want to make sure I do 5 this correctly. If somebody could point out where it is? 6 7 CHAIRMAN BURACK: If not, --8 MR. FORTUNE: F-i-s-c-h-e-r --9 (Court reporter interruption.) MR. FORTUNE: Bill, can you find that --10 11 MR. ROLLINS: Yes. F-i-s-c-h-e-r dash Tropsch, T-r-o-p-s-c-h. It's a process named after the 12 two German scientists who discovered it in the 1920s. 13 14 MR. FORTUNE: Did you all hear that? 15 CHAIRMAN BURACK: Yes, we did. Thank 16 you for --17 MR. IACOPINO: What was the gentleman's 18 name who --19 MR. FORTUNE: Yes, that's Bill Rollins. 20 He's of NovelEdge Technologies. He's the developer of the 21 -- of the process, and holds patents on some of the 22 processes that will be involved in this clean fuel 23 project. 24 MR. IACOPINO: Thank you.

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1

2

3

4

CHAIRMAN BURACK: Thank you very much, Mr. Fortune. There was another gentleman, I believe towards the back, who asked to make a brief public comment.

5 MR. EDWARDS: My name is Jonathan I'm from Berlin, New Hampshire. I'm here to 6 Edwards. 7 represent those who don't believe this project is in the best interest of Berlin, Coos County, or New Hampshire, 8 for that matter. I'd like to encourage the Site 9 Evaluation Committee to take a trip to Berlin and tour the 10 11 land in close proximity to Berlin before making a decision on this Application. I'm one of the guys on the ground 12 that sees forest devastation and talks to those who know 13 firsthand about this devastation. I'm a guy that used to 14 15 go cross-country skiing on this nation's oldest 16 cross-country touring center that had to move out of the 17 Success township, due to the fact that a logging organization out of Maine moved into the area, I think, 18 and completely liquidated harvested the entire area. 19 And, 20 that cross-country center now relocating to Milan. 21 There's a major initiative underway by 22 the Conservation Fund, headed by Nancy Bell, to bring

Success back the way it was. I talk on a regular basis
with loggers, both retired and currently in the business.

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1 They can't believe what was done up there. In fact, the other day I was talking to a retired logger, who was also 2 in a conversation with a Fish & Game officer, that were 3 telling me that they have never seen the rivers up there 4 in the spring as muddy as they are, because of the fact 5 that there are no trees that can suck up the water in the 6 7 spring anymore. It's affecting the fish, it's affecting the wildlife. There is a major initiative by the Fish & 8 Game right now in the form of a petition to keep this kind 9 10 of practice from happening. And, I would encourage this Committee, as they're making their decision, to really 11 carefully look at these things. 12

There is a land liquidator that moved in 13 from Maine to the Route 110 corridor in Berlin, and that 14 15 particular logger created changes in the Maine legislation 16 that don't allow that harvester to be in that area 17 anymore. This gentleman moved in, purchased thousands of acres, in fact, from one our local senators who is now 18 supporting this biomass project, even though there's been 19 20 a lot of liquidation harvesting up in that area. 21 Thousands of acres were mismanaged. And, I manage a 22 wildlife reserve, 135-acre parcel next door to that. And. 23 we've personally witnessed the devastation that that particular logger did. 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1 So, I encourage this Committee to look beyond the buffers in the Berlin area. Go up to Berlin. 2 I'm in the field of real estate. I get out into the 3 backwoods an awful lot, and I'm very familiar with what's 4 happening up there. When you start to see your friends 5 that are in Fish & Game and loggers themselves being 6 7 concerned about this thing -- these things, you understand that it's not something to take lightly. 8 As an owner of one of the oldest real 9 estate firms in Berlin, and Chair of the Berlin Board of 10 11 Assessors, if I thought this biomass plant would ultimately produce more positives than negatives, I'd be 12 all for it. The price of a two-family in Berlin and the 13 assessed value of that same two-family in close proximity 14 to the mill is \$28,700. That's the same price a 15 16 two-family sold for in 1975. If you think that firing up an old plant 17 within feet of almost all of the City's population, I 18 encourage you to contact the cities of Biddeford and 19 20 Claremont, to name a few, to see what impact these have 21 had on real estate value. 22 I think you need to look at the whole, 23 big picture, when you have a state and when you have a county and you have a city that is in tough economic 24 {SEC 2009-02} [Day 1/Morning session] {08-23-10}

1 times. You need to also look at what impact this is having, not only on the host city's value of their real 2 estate, but on the county as a whole. I encourage you to 3 speak to the tax collectors of the biomass sponsor towns 4 of Bethlehem and Whitefield. In just a few decades, both 5 towns are feeling the impact of what is happening to the 6 7 value of these biomass plants, in a downward direction, 8 and the impact these plants are having on the area's tax I wonder what impact the closure of these plants 9 base. could have on Coos County's tax base, and the sponsor 10 towns and the sponsors' townspeople. 11

If it works, don't fix it. This grid 12 upgrade that we're talking about is hundreds of millions 13 Electric rate increases. Whether we like it 14 of dollars. 15 or not, Canada is bringing power to the U.S. in a big way. 16 And, next door, we are analyzing whether or not to spend 17 millions on the Coos Loop? For what? The answer is "for renewable energy." But too much of any one thing is too 18 much. Without a grid upgrade, northern New Hampshire can 19 have Noble Wind and a Clean Power biomass farm that blends 20 21 into the countryside, rather than a 300 foot stack 22 piercing out from the mountains like the jagged edges of 23 the Twin Towers after 9/11.

24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

In closing, PSNH's Schiller Station is

1 reaching out further and further to obtain the wood 2 necessary to fuel its fire. And, yet, supporters -- and, yet, supports a larger biomass facility the can wreak 3 havoc on everyone. Monopolies can create cancers. 4 Ι sincerely believe that this biomass project is the 5 iceberg, and Berlin and New Hampshire are the Titanic. 6 No 7 one thought the Titanic would sink, and many don't understand the concern over forest sustainability. 8 Liquidation harvesting behind the buffers and trees along 9 the roads is very much the same as the people on the 10 11 Titanic that were kept in the dark until they perished. I'd like to thank this Committee for 12 truly taking a look beyond the buffers of your politicians 13 14 and roadways. Thank you very much. 15 CHAIRMAN BURACK: Thank you very much, 16 Mr. Edwards. Mr. Grenier, you wish to make a personal 17 statement. MR. GRENIER: I'm going to speak now as 18 19 Paul Grenier, the private citizen in Berlin. I'm 55 years 20 old. When I graduated from Berlin High School in 1973, I 21 was one of 327 kids who graduated from Berlin High School. 22 My son graduated from Berlin High School in 2003. He was 23 one of 150 kids, or almost half, in one generation. And, what created a loss of that many people was the fact that 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

we're losing our manufacturing base, and we're losing the 1 jobs in the community.

2

I listened to Mr. Edwards, what he told 3 the Committee, as far as liquidation harvesting in 4 But what he didn't tell you was that the Bureau 5 Success. of Prisons purchased 900 acres of that land, and they're 6 7 the ones that had most of that land liquidated so that they could build their new prison. 8 There's a lot of cutting in Success. But there's a -- our proposal will be 9 to put all of that into a working forest conservation 10 easement and protecting high elevation areas, so that 11 people can recreate in perpetuity. 12

I'm in full support of this project, 13 14 because, finally, we will be able to add taxable value to 15 the City. The reasons why we have property value issues 16 is not because of its close proximity to the plant. Ι 17 personally live two blocks away. The problem in Berlin is at one time we were 24,000 people, and now we're barely 18 And, all of these homes were built before 1925, and 19 10. were there to serve the folks who were working in the mill 20 21 within walking distance. Our problem is we don't have 22 people to fill these buildings. And, when that happens, 23 you have decay from within. The City has an aggressive plan to deal with this urban decay and some of these 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

properties, but in no way is it related to the plant. 1 In fact, with the agreed upon stipulations, the City of 2 Berlin is finally going to be able to get a handle on 3 subsurface contamination. And, Laidlaw has worked very 4 closely with the City and with the City's legal 5 representation to put together a plan so we can finally 6 7 find out if and what type of contaminants are in the ground because of 100 years of industrial activity 8 on-site. That site would never be able to be redeveloped 9 without having -- without having some type of interim 10 11 activity on that site. So, you know, from a personal 12 standpoint, this is much needed economic activity. 13 Ι 14 think that the City desperately needs the new tax revenue 15 that it's going to get from this plant. The City 16 definitely needs the new market tax credits that will 17 expire at the end of the year. So, this plant needs to be in construction by the end of the year for the City to 18 receive full benefit of these market tax credits. 19 20 So, I personally urge this Committee to 21 issue a site certificate without delay. Thank you very 22 much. 23 CHAIRMAN BURACK: Thank you,

24 Mr. Grenier. Are there any other members of the public

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

who would like to make brief public comment here today? 1 2 (No verbal response) CHAIRMAN BURACK: 3 Seeing none, I'm going to close the public comment portion of this proceeding. 4 5 And, going to now invite counsel for the Applicant, if you would please begin the presentation of your case. 6 7 MR. NEEDLEMAN: Thank you, Mr. Chair. 8 I'd like to call Mr. Bravakis, Mr. Strickler, and Mr. Frecker to the witness stand. 9 CHAIRMAN BURACK: Just going to take a 10 brief break here folks. 11 (Whereupon Louis T. Bravakis, Carl S. 12 Strickler, and Dammon M. Frecker were 13 duly sworn and cautioned by the Court 14 15 Reporter.) CHAIRMAN BURACK: Attorney Needleman, 16 17 you may proceed. MR. NEEDLEMAN: Thank you, Mr. Chair. 18 19 This first thing I'd like to do, if there's no objection, 20 on Friday, at the prehearing conference, we exchanged 21 exhibits and premarked them. And, what I would like to do 22 now is move to admit into the record Laidlaw Exhibits 1 23 through 56 and Number 60. 24 CHAIRMAN BURACK: Thank you. I will go

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1 ahead and grant that motion. 2 MR. NEEDLEMAN: Thank you. LOUIS T. BRAVAKIS, SWORN 3 CARL S. STRICKLER, SWORN 4 5 DAMMON M. FRECKER, SWORN DIRECT EXAMINATION 6 7 BY MR. NEEDLEMAN: Let me begin with Mr. Bravakis. Mr. Bravakis, could 8 Q. you state your name and position please. 9 (Bravakis) Lewis Bravakis. I'm Vice President of 10 Α. Development for Laidlaw Berlin BioPower. 11 You have in front of you Exhibits 9 and 10, which are 12 Q. your prefiled testimony and the supplement to your 13 prefiled testimony. Do you see those? 14 15 (Bravakis) Yes, I do. Α. And, before I ask you to adopt those, I want to ask 16 Q. 17 whether you have any changes or material additions to that testimony? 18 19 Α. (Bravakis) In reviewing these, the only change I have is in my initial application. I understand that we 20 21 will now be using a bag house, rather than an 22 electrostatic percipitator. So, I'd like to make note 23 of that please. And, will that be addressed further? 24 Q.

1	Α.	(Bravakis) I believe it will. Technically, yes, if
2		questions arise.
3	Q.	And, any material additions you want to mention to your
4		testimony?
5	Α.	(Bravakis) The only there are a couple. Mayor
6		Grenier announced the agreement with the City on
7		stipulations. We have and are working at finalizing a
8		sustainability policy with respect to fuel procurement,
9		which I don't believe was elaborated on in these
10		testimonies. And, we are also very close to finalizing
11		a fuel supply agreement with a large, very successful
12		fuel broker in New England for the entire facility.
13	Q.	And, are you prepared to elaborate on that during the
14		course of the proceeding?
15	Α.	(Bravakis) Yes, I can, as much as I as much has been
16		developed at this point.
17	Q.	Then, let me call your attention to Exhibit 9 and 10,
18		and subject to the changes and additions you just
19		mentioned, do you adopt that testimony as your own and
20		swear to it in these proceedings?
21	А.	(Bravakis) Yes, I do.
22	Q.	Thank you. Let me turn to Mr. Strickler. Could you
23		please state your name and position for the record.
24	Α.	(Strickler) Carl Strickler. I'm a Senior Vice
l	{	SEC 2009-02} [Day 1/Morning session] {08-23-10}

President and Chief Operating Officer for Fibrowatt, 1 2 LLC. And, you have Exhibits 51 and 52 in front of you, and 3 Q. that is your prefiled testimony in this matter and your 4 5 supplement to that testimony, is that correct? (Strickler) Yes. 6 Α. 7 And, do you have any material changes or additions that 0. 8 you'd like to make to that testimony at this point? (Strickler) Yes, I do. I would like to make one 9 Α. addition. Last week, the Project entered into an 10 agreement with Babcock & Wilcox to expand their role in 11 the Project. From, originally, as the supplier or the 12 company to convert the recovery boiler to a bubbling 13 bed boiler. The agreement we entered into last week 14 was to expand their role, to also provide for the 15 design, construction, start-up, and commissioning and 16 17 testing of the facility. This expanded role strengthens the Project, as it provides a single point 18 19 of contact and responsibility to ensure the facility is built according to our requirements, within budget, and 20 21 on time. 22 This will be an important element for the financing of our project as well. B&W is a large 23 24 boiler manufacturer and construction company traded on

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1		the New York Stock Exchange. It has executed similar
2		boiler conversion projects of the type that we're
3		planning here, and has undertaken similar large EPC
4		contracts of this type.
5		Lastly, B&W brings some unique
6		experience and a added benefit to the Project, as
7		several of the design personnel that are working on the
8		Project were also involved in the boiler upgrade
9		project carried out in 1995 by the Fraser Mill. We
10		provide that we believe that continuity is essential
11		to a successful conversion process.
12		To conclude, we believe that B&W's
13		involvement will contribute to a successful project.
14		And, we're very pleased to have them on board in this
15		role now.
16	Q.	And, are you prepared during the course of the
17		proceedings to address questions pertaining to B&W?
18	Α.	(Strickler) Yes, I am.
19	Q.	Subject to the changes that you just made, and calling
20		your attention to Exhibits 51 and 52, do you swear to
21		those and adopt them as your testimony in this case?
22	Α.	(Strickler) Yes, I do.
23	Q.	Let me turn now to Mr. Frecker. Could you please state
24		your name and position for the record.

1	Α.	(Frecker) My name is Dammon Frecker. I'm the Vice
2		President of Energy and Industrial Services for ESS
3		Group, Incorporated.
4	Q.	And, you have Exhibit 44 in front of you, is that
5		correct?
6	А.	(Frecker) I do.
7	Q.	And, that's your prefiled testimony in this matter.
8		And, do you have any material changes or additions to
9		that testimony?
10	Α.	(Frecker) I do not.
11	Q.	Okay. Then, do you adopt that testimony as your own
12		and swear to it in this proceeding?
13	Α.	(Frecker) Yes, I do.
14		MR. NEEDLEMAN: Mr. Chairman, I will
15	ten	der this panel for cross-examination at this point.
16		CHAIRMAN BURACK: Very well. Thank you.
17		MR. ROTH: Mr. Chairman?
18		CHAIRMAN BURACK: Yes.
19		MR. ROTH: A small point of order. I
20	kno	w this isn't our opportunity to cross-examine yet. But
21	one	of the witness has or, actually two witnesses have
22	ide	ntified significant new documents and agreements that
23	hav	e not previously been provided to the parties and are
24	not	exhibits to the in the packages that have been
l	- ۲	EC 2000 02] [Dev 1/Menning gaggier] [08 22 10]

1	provided to everybody, including the Committee. And, it
2	seems to me that perhaps both of these agreements,
3	certainly one of them, goes right to the heart of their
4	or, may go right to the heart of their managerial and
5	technical ability, capability to do this project. And, at
6	a minimum, we should have those documents in our hands
7	before cross-examination of those witnesses begins.
8	CHAIRMAN BURACK: Thank you, counsel.
9	I'm going to direct some questions here to you, Attorney
10	Needleman. What is, in fact, the status of the
11	sustainability stipulation, as well as the status of the
12	fuel supply agreement, as well as the agreement with
13	Babcock & Wilcox? And, would you anticipate being able to
14	make copies of those available to the Committee before we
15	close this proceeding this week?
16	MR. NEEDLEMAN: Let me take those one at
17	a time. With respect to the sustainability condition,
18	that is Exhibit Number 60 that we just moved in. We are
19	in discussions with Counsel for the Public about coming to
20	an agreement on that. They have provided us with their
21	views of what elements of that sustainability condition
22	should contain. And, though, we are certainly prepared to
23	discuss our proposed condition, we're also quite willing
24	to work with them during the course of this proceeding to
	$\int GEC 2009-02 \int Day 1/Morning gaggion 1 \int 08-22-10 $

reach agreement on a condition that would be satisfactory 1 2 to both parties. With respect to the agreement that 3 Mr. Bravakis mentioned pertaining to wood supply, I 4 believe that that agreement is still tentative. Though, I 5 do believe we certainly would be in a position to be able 6 7 to provide it to the Committee before the close of the proceeding. I don't know, as I sit here, whether any 8 elements of that would be considered confidential. And, 9 so, I would ask the Committee's indulgence in dealing with 10 that, if necessary. 11 The third issue is with respect to the 12 Babcock & Wilcox agreement. I don't know whether that is 13 final or still in draft. It is final at this point? 14 15 WITNESS STRICKLER: Yes. 16 MR. NEEDLEMAN: I also believe we're in 17 position to provide that to the Committee, and we'll try to do so shortly. And, I raise the same issue with 18 19 respect to confidentiality. 20 CHAIRMAN BURACK: Okay. Thank you. Ι think the way we will proceed on these items, given that 21 22 we do not have all of them available to us at this time, 23 is that, certainly, we could have cross-examination with respect to Exhibit 60, as it's been submitted at this 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1	point, recognizing that there may need to be further
2	discussions among the parties, and there could be some
3	further changes to that document. With respect to the
4	wood supply agreement and the Babcock & Wilcox agreement,
5	I think what I would ask you to do is to submit those
6	certainly by the end of the day today, in whatever form
7	you can. If you wish to request confidential treatment of
8	those, obviously, you can do so. We will rule very
9	promptly on such requests. And, we may have to add some
10	additional time into our agenda for an opportunity for
11	people, once they have had a chance to review those
12	documents, to then do cross-examination.
13	And, I might note that I think there's a
14	very good likelihood that the Committee will choose to go
15	into closed session, involving only the appropriate
16	parties, in order for us to be able to review and ask
17	questions about any of these confidential documents that
18	have been submitted in the record. And, I might note that
19	I did previously issue an order this past Thursday
20	designating certain documents as being confidential
21	documents.
22	So, that's how I would suggest we
23	proceed on this. Commissioner Ignatius.
24	CMSR. IGNATIUS: Thank you. Mr.
l	{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1	Chairman, is it possible, because we're working in the
2	dark here a bit, on the wood supply agreement in
3	particular, that's a significant issue for all of the
4	parties, if there could be a more extensive summary of
5	what's contained in the agreement that is publicly
6	disclosable, in order to make any cross-examination more
7	meaningful? It's hard for people to cross-examine
8	something they have never seen, and for the Committee to
9	understand the import. Obviously, it was important enough
10	for the Committee excuse me, for the Applicant to
11	mention it just now. Presumably, you want us to take some
12	meaning from that. And, yet, if we're not able to have
13	that addressed until later on in the week, I think we'll
14	be getting a little off kilter.
15	So, if there can be any oral summary of
16	the key terms, to the extent that the Company feels it
17	can, I think that would be helpful to me.
18	CHAIRMAN BURACK: Thank you. And,
19	counsel
20	WITNESS BRAVAKIS: You want me to do
21	that now?
22	CHAIRMAN BURACK: Is that something that
23	you feel you could do?
24	MR. NEEDLEMAN: I believe Mr. Bravakis
	{SEC 2009-02} [Day 1/Morning session] {08-23-10}

can do that. 1 2 CHAIRMAN BURACK: Okay. 3 WITNESS BRAVAKIS: What I can say -should I do that now? 4 5 CHAIRMAN BURACK: I just want to just make sure there aren't any other questions or concerns 6 7 about the process as I've proposed to handle this from the Committee's standpoint -- Subcommittee's standpoint. 8 MR. VAN OOT: Mr. Chair? 9 CHAIRMAN BURACK: 10 Yes. 11 MR. VAN OOT: Peter Van Oot, for City of Berlin. If I could just ask Counsel Needleman. So, is 12 Exhibit 60 that's in -- that you submitted, I believe, at 13 the prehearing conference, is that the present exhibit for 14 15 the proposed sustainability condition or is there a subsequent document? 16 17 MR. NEEDLEMAN: No, that's the present exhibit. 18 19 MR. VAN OOT: Thank you. 20 CHAIRMAN BURACK: Thank you. I think it 21 would be helpful then if you could at this time, Attorney 22 Needleman, ask Mr. Bravakis to address the wood supply 23 agreement, in general terms or as much specificity as he can provide. And, then, as soon as you're able to submit 24

the document to us, we'll then determine the procedural 1 2 process we'll use to take a look at that in greater detail. 3 But, and just to be clear to all the 4 5 parties, in asking to have this addressed in general terms now, we're not in any manner precluding the parties from 6 being able to -- or the Subcommittee from being able to 7 ask more questions about it and cross-examine on it. 8 MR. NEEDLEMAN: We will make an effort 9 to get it to you as soon as possible, hopefully before the 10 end of day. 11 BY MR. NEEDLEMAN: 12 And, Mr. Bravakis, if you could, for the Committee, 13 Q. summarize the key terms of that agreement. 14 15 (Bravakis) Yes. The agreement that we're contemplating Α. on finalizing very soon is with Cousineau Forest 16 17 Products, out of Henniker, New Hampshire. Cousineau Forest Products I'm familiar with for many years, is 18 19 one of the largest, if not the largest, supplier of biomass to many of the biomass facilities in the 20 21 Northeast, as well as some of the industrial facilities 22 and schools. I personally have grown to understand this company to be a very capable company, and 23 encouraged our team to explore a supply agreement with 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1	them, which we are working on finalizing now, to supply
2	100 percent of the supply to the facility for the 20
3	years term of the Power Purchase Agreement. Provided
4	that the supply, the material supply fits with the
5	under the specifications listed in our Power Purchase
6	Agreement, as enumerated in the Renewable Portfolio
7	Standards in New Hampshire, and provided that the
8	supply, how they procure the fuel, fits within the
9	procurement policy, which we are now we have now
10	presented and are working on finalizing to be a
11	condition of our permit.
12	Beyond that, I prefer not to speak on
13	the business terms of the arrangement. But this is a
14	major and a very positive event for the Project. And,
15	we're very pleased to make this announcement.
16	CHAIRMAN BURACK: Do you have anything
17	further at this time.
18	MR. NEEDLEMAN: Just one question to
19	clarify.
20	BY MR. NEEDLEMAN:
21	Q. You were talking about the procurement policy. Has the
22	sustainability provision that we've proposed here as
23	Exhibit 60 been factored into that agreement?
24	A. (Bravakis) Yes. It's actually an attachment to the
	{SEC 2009-02} [Day 1/Morning session] {08-23-10}
	$\{\texttt{SEC 2009-02}\}$ [Day 1/Morning session] $\{\texttt{08-23-10}\}$

agreement. And, it will remain an attachment to the 1 2 agreement. And, to extent that we agree to modify that provision 3 Q. during the course of this proceeding, it could be 4 5 modified and made a part of that agreement as well? (Bravakis) Absolutely. 6 Α. 7 CHAIRMAN BURACK: Just to be clear here, 8 the procurement policy that you referred to is the same as what you're describing as "Exhibit 60", which is this 9 stipulation, is that correct? 10 11 MR. NEEDLEMAN: No, that's not. The 12 stipulation would be the large terms that the Applicant would agreed to, in terms of sustainably acquiring its 13 fuel supply. It would develop a more detailed procurement 14 policy that would tie to that stipulation. 15 16 MR. IACOPINO: Is there a draft 17 procurement policy within the exhibits already? MR. NEEDLEMAN: I don't believe so, no. 18 19 I don't believe that's been developed yet. MR. HARRINGTON: Mr. Chairman, could I 20 21 just ask a question? 22 CHAIRMAN BURACK: Yes. I just want to 23 first confirm and clarify where you have Exhibit 60. Okay. So, there is a -- Exhibit 60 is labeled as "Laidlaw 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

Berlin BioPower, LLC, Proposed Sustainability Condition"? 1 2 MR. NEEDLEMAN: That's correct. 3 CHAIRMAN BURACK: Thank you. Sorry, did you have a question? 4 MR. HARRINGTON: Just a clarification. 5 You had said that, maybe I didn't understand what you had 6 7 said, the Amendment -- 60, is, it seems to me, is -- it is the procurement sustainability conditions. 8 So, those would be imposed on the contract to provide the wood from 9 the company, I can't remember the name of the company --10 11 WITNESS BRAVAKIS: Cousineau Forest 12 Products. MR. HARRINGTON: Cousineau Forest. 13 Is that correct? 14 15 MR. NEEDLEMAN: That is correct. 16 MR. HARRINGTON: Okay. Thank you. 17 CHAIRMAN BURACK: Thank you. All right. I'd now like to then, if you have nothing further, 18 19 Attorney Needleman, we'll -- we'll now proceed with 20 cross-examination of these witnesses by the City of 21 Berlin. Attorney Van Oot. 22 MR. VAN OOT: Thank you. 23 CROSS-EXAMINATION BY MR. VAN OOT: 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1	Q.	Mr. Bravakis, I understand that you are the Vice
2		President for Development for Laidlaw Berlin BioPower,
3		LLC, is that correct?
4	Α.	(Bravakis) Yes, sir.
5	Q.	And, in that capacity, you've been designated to
6		represent Laidlaw in these proceedings?
7	Α.	(Bravakis) Yes, sir.
8	Q.	And, do I further understand that, in that capacity,
9		you have actively participated in, with your counsel,
10		in the negotiation with the City of Berlin on the
11		proposed stipulation that was referenced earlier in
12		this proceeding?
13	Α.	(Bravakis) That's correct.
14	Q.	And, that proposed stipulation, although it has not yet
15		been adopted as a in this proceeding is identified
16		as the proposed certificate conditions in the City of
17		Berlin's Exhibit List as number "1", is that correct?
18		Is that what you understand?
19	Α.	(Bravakis) That's correct. I'm not sure if that's the
20		exact number.
21	Q.	Yes. I'm just asking.
22	Α.	(Bravakis) But I believe so, yes.
23	Q.	Thank you. And, are you fully familiar with the terms
24		and conditions of that draft stipulation as it's been
L	{	SEC 2009-02} [Day 1/Morning session] {08-23-10}

1	negotiated with your counsel and the City of Berlin?
2	A. (Bravakis) Yes, sir.
3	Q. And, once the stipulation has been finalized and
4	approved by the Applicant and its counsel, will you be
5	the representative of Laidlaw Berlin BioPower, LLC,
6	authorized to enter into and bind Laidlaw to the terms
7	and conditions of that stipulation?
8	A. (Bravakis) No, sir. That would be my colleague,
9	Michael Bartoszek, who is the CEO of Laidlaw Berlin
10	BioPower.
11	MR. VAN OOT: Okay. Thank you. That's
12	all the questions we have. Mr. Chair, we will be we
13	plan to introduce the stipulations through our witness,
14	Pamela LaFlamme. And, we'll do so we expect tomorrow,
15	when Ms. Laflamme testifies.
16	CHAIRMAN BURACK: Okay. Thank you. So,
17	you have nothing further at this time for any of these
18	witnesses?
19	MR. VAN OOT: No. We'll defer to the
20	State on the proposed sustainability condition. I guess I
21	just would I would ask one following question for the
22	witness.
23	BY MR. VAN OOT:
24	Q. Am I correct that the sustainability policy referenced
l	

1	as Exhibit 60, is also referenced as a condition,
2	Stipulation Condition Number IV.8 in the draft
3	stipulations?
4	A. (Bravakis) I believe so, yes.
5	MR. VAN OOT: Okay. Thank you. No
6	further cross-examination, Mr. Chair.
7	CHAIRMAN BURACK: Thank you, counsel.
8	We'll now turn things over to Attorney Rodier
9	MR. RODIER: Thank you.
10	CHAIRMAN BURACK: to cross-examine on
11	behalf of Clean Power Development.
12	BY MR. RODIER:
13	Q. Mr. Bravakis, in regard to the agreement with Cousineau
14	that you mentioned, I wanted to ask you, what was the
15	reference to the "PPA" all about, as one of the
16	conditions that Cousineau has got to abide by?
17	A. (Bravakis) Yes. In our Power Purchase Agreement, there
18	is a we are required to provide fuel of a certain
19	type of a certain characteristic, clean biomass
20	fuel, as defined by the New Hampshire Renewable
21	Portfolio Standard. So, Cousineau will have to adhere
22	to supply fuel that fits within that specification.
23	Q. Okay. Okay.
24	A. (Bravakis) That's all that has to do with.

1	Q.	Okay. Before I leave Cousineau, do you know Norman
2		Jacques?
3	Α.	(Bravakis) I have met the gentleman. Yes, sir.
4	Q.	And, what's he do?
5	A.	(Bravakis) I do not know what he does.
6	Q.	You don't know?
7	A.	(Bravakis) You mean what his occupation is?
8	Q.	This is Norman Jacques, who's in the wood supply
9		business?
10	A.	(Bravakis) Yes, sir.
11	Q.	You know him?
12	A.	(Bravakis) I've met him twice, I believe.
13	Q.	Had discussions with him?
14	A.	(Bravakis) I'm sorry?
15	Q.	Have you had discussions with him?
16	A.	(Bravakis) Yes.
17	Q.	Oh. But you don't know him?
18	A.	(Bravakis) No, I said I met him twice. And, I had
19		discussions with him, yes, sir.
20	Q.	So, are you going to use Cousineau, instead of Norman
21		Jacques?
22	Α.	(Bravakis) For what? I'm
23	Q.	Wood supply.
24	Α.	(Bravakis) Oh, wood supply. Yes, we're going to use
l		

1		Cousineau Forest Products to supply the wood for the
2		Project.
3	Q.	Okay. Let's go to Exhibit 9 please. And, I want to
4		direct you to Page 9 of Exhibit 9. Would you let me
5		know when you're there.
6	Α.	(Bravakis) I'm there.
7	Q.	Okay. On Page 9, at the top of the page, it says "The
8		findings of the study", let's stop there. That's the
9		LandVest study?
10	A.	(Bravakis) Yes.
11	Q.	Is that the
12	A.	(Bravakis) I'm sorry?
13	Q.	That's the December 2009 study, as amended, or well,
14		it's the December 2009 study that was in with the
15		Application?
16	A.	(Bravakis) Yes, sir.
17	Q.	Appendix P, I believe?
18	A.	(Bravakis) I don't recall. If you give a minute, I can
19		dig it out.
20	Q.	That's okay. That's not necessary. So, the LandVest
21		study says "current demand for low-grade biomass remain
22		constant at 6 million tons per year." What do you
23		think the phrase "remain constant" refers to?
24	A.	(Bravakis) If I recall, in our effort to look at this,
-	J	SEC 2009-02 [Day $1/Morning generical \int 08-23-10$ ]

1		we were we were making an assumption that the
2		current demand for biomass, if the assumption were made
3		that the current demand for biomass from the in what
4		LandVest identified as the primary source of supply
5		were to remain constant, I believe that's what that's
6		talking to, referring to.
7	Q.	So, over the next 20 years, the assumption is it will
8		remain constant at 6 million a year?
9	Α.	(Bravakis) I don't think that's realistic. I think,
10		for the purpose of this exercise, that was made as a
11		point in time.
12	Q.	Okay.
13	Α.	(Bravakis) Looking at the current consumption, and then
14		making an assumption, as best as one can, about the
15		future. But I believe it's unrealistic to think that
16		would remain constant for 20 years.
17	Q.	Okay. So, now, let's go to the Addendum.
18	Α.	(Bravakis) Okay.
19	Q.	And, would you remind me, in particular, when was the
20		Addendum filed? Was it May?
21		MR. RODIER: Mr. Chairman, is it okay if
22	I,	m seated when I'm addressing
23		CHAIRMAN BURACK: Yes, if that's easier
24	fo	r you to
	Ş	SEC 2009-02 [Day $1/Morning session1 \{08-23-10\}$

1	MR. RODIER: The book is a little
2	clumsy.
3	CHAIRMAN BURACK: Just to be clear here,
4	the Addendum, can we identify an exhibit number for this?
5	MR. RODIER: Yes, this is Exhibit 2.
6	This is Laidlaw Exhibit 2.
7	WITNESS BRAVAKIS: Give us a second
8	please. We'll try to find the date of when it was filed
9	actually.
10	BY MR. RODIER:
11	Q. Actually, it's dated, I'm sorry. The cover letter says
12	March 10th, 2010. It's Tab 2.
13	A. (Bravakis) Okay. Thank you. March 10th, 2010.
14	Q. Thank you. Would you turn to Page 4 please.
15	A. (Bravakis) I'm sorry, I didn't hear the question.
16	Q. Page 4.
17	A. (Bravakis) Oh, okay.
18	Q. Page 4. And, let me know when you have it.
19	A. (Bravakis) I'm there.
20	Q. Okay. Page 4, there's a success there's a section
21	here labeled "Conclusion". Do you have that?
22	A. (Bravakis) Yes, I do.
23	Q. Okay. Let's look at the first paragraph. This study
24	actually says "that the consumption of low-grade fiber

		00
1		within 100 milesis approximately 5,948,670 tons."
2		Did I read that correctly or did I paraphrase that
3		correctly?
4	A.	(Bravakis) Yes.
5	Q.	So, that's pretty close to 6 million?
6	A.	(Bravakis) Yes.
7	Q.	So, that's where the 6 million comes from?
8	A.	(Bravakis) Yes.
9	Q.	Okay. Now, the LandVest study relies a lot on FIA
10		data, does it not?
11	Α.	(Bravakis) It relies on both FIA data and harvest
12		reports.
13	Q.	Okay.
14	A.	(Bravakis) They took both, and they interpolated
15		between them, both of them. And, I would like to say
16		that there is not a LandVest representative here today,
17		due to a scheduling conflict. Somebody will be here
18		tomorrow, if we need to get some further enumeration on
19		the details of their methodology in the study.
20	Q.	Okay. But, it is true, as a general matter, that the
21		LandVest study relies on relies heavily on FIA data,
22		not just with respect to removals, but generally
23		speaking?
24	A.	(Bravakis) When I spoke Haijin Sin [sic], Haijin,

1		H-a-i-j-i-n, Sin, S-i-n, we discussed this, and he said
2		he used a combination of FIA data and reporting data in
3		the States of New Hampshire, Vermont, and Maine.
4	Q.	Okay. Well, I was asking you a question in specific
5		regard to removals, and I was just asking you a general
6		question, but let's move on. The FIA estimate, though,
7		of low-grade removals currently is about 6.1 million,
8		is that correct?
9	А.	(Bravakis) If that's in the report, that's correct.
10	Q.	Would you look at the bottom of Page 3, under the
11		section "State and FIA Removals Data". Why don't you
12		just read the first two sentences.
13	A.	(Bravakis) "The FIA estimate of total low-grade
14		removals from [the] study area is 6.127362 green tons."
15		And, there is a footnote that says "It is the sum of
16		15 percent of sawtimber, all pulpwood, and 50 percent
17		of [the] tops and branches from the FIA removals."
18		And, they refer to "Appendix II".
19	Q.	So, for the purpose of our discussion, if we say
20		existing consumption, which is that can be used
21		interchangeably with removals, can't it? When you're
22		talking about removals and existing consumption, we're
23		talking 6 million tons a year, is that right?
24	Α.	(Bravakis) Yes.

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

And, those -- and, we're talking low-grade biomass. 1 Q. And, what's the typical -- what moisture content are we 2 talking about? 3 (Bravakis) I'm sorry? 4 Α. What's the moisture content? 5 Q. (Bravakis) Can range anywhere from 45 to 50 percent. 6 Α. 7 Okay. So, let's turn now to -- we know, we've **Q**. 8 established that current consumption now, in 2010, is 6 million tons. Let's turn to the consumption of the 9 facility. Now, I notice on Exhibit -- let's go to 10 Exhibit 10. And, do you have Exhibit 10? 11 (Bravakis) I do. 12 А. 13 Q. Page 1. 14 MR. IACOPINO: Mr. Rodier, can you --15 does the Committee all have the volume with the first set 16 of Exhibits 1 through 47? 17 MR. JANELLE: No. MR. IACOPINO: Does anybody else not 18 19 have it? I think, when I was putting them out, I think I 20 passed them --21 MR. JANELLE: Okay. 22 MR. IACOPINO: You can continue, Jim. 23 I'm sorry. 24 MR. RODIER: Okay. Thank you. {SEC 2009-02} [Day 1/Morning session] {08-23-10}

1 BY MR. RODIER:

1	DI M	R. RODIER:
2	Q.	So, if you would focus on Lines 10 and 11,
3		Mr. Bravakis, and there, to quickly paraphrase you,
4		we're saying that the project is going to use "750,000
5		tons a year"?
6	Α.	(Bravakis) Yes, sir.
7	Q.	Roughly 45 percent moisture content, is that fair?
8	Α.	(Bravakis) Yes, sir.
9	Q.	So, does that mean that, well, let's see if we can add
10		up 6 million and 750,000, I guess that would mean that
11		you would need to have available biomass in excess of
12		6,750,000?
13	Α.	(Bravakis) Are you asking me if the market will
14		increase from 6 million to 6,750,000 tons?
15	Q.	No. I'm saying, we have existing consumption of
16		6 million, right?
17	A.	(Bravakis) If I could enumerate, are you saying six
18		million in the primary source of supply that's being
19		as the demand in the area we've identified?
20	Q.	I'm talking about whatever the what the LandVest
21		study is that you relied on. We had just agreed it was
22		6 million.
23	A.	(Bravakis) The reason, if I might if I may, the
24		reason I say this is because, although 6 million tons
-	-	

69

of biomass is consumed in its primary source, it 1 doesn't necessarily follow that, if our plant comes on 2 line, that number will jump from that primary source of 3 600 -- 750 -- 6,750,000 tons. And, from my research 4 and studying of this, what we've always understood is 5 that, originally, before this plant was proposed and 6 7 when the paper mills were operating, there was a consumption of 1.3 million tons of wood that came into 8 the three plants in Berlin, --9 MR. RODIER: Mr. Chairman, I object. 10 This answer is completely non-responsive to the question 11 of "what is the sum of 6 million, existing consumption, 12 plus 750,000 from the Laidlaw plant?" 13 CHAIRMAN BURACK: I'm going to allow --14 I hear your objection, but I'm going to allow him to 15 continue. 16 17 WITNESS BRAVAKIS: Thank you, Mr. Chairman. 18 19 BY THE WITNESS: (Bravakis) The reason I'm presenting a long-winded 20 Α. answer to your question is that I don't think it's 21 simply a matter of adding the two up. And, the reason, 22 because the way the wood moves in the Northeast isn't 23 simply you add -- when a new facility comes on, you 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1add. When the mills in Berlin and Groveton and Gilman2shut down, 1.3 million tons was removed from that3market. But that didn't mean that 1.3 million tons4wasn't cut and harvested. It just went elsewhere. It5went and, so, the wood sheds were shaped differently6at that time. So, when 750,000 tons comes on line, you7can't we haven't made the assumption that that8simply means the consumption, the demand in that shed9will go up to 6.75 million. Because there might be a10facility in Maine that benefited when the Berlin Mill11shut down, but now that they have to travel a little12further, they will extend their wood shed where it was13when the mills were operating.14So, it's just what we've learned in
market. But that didn't mean that 1.3 million tons wasn't cut and harvested. It just went elsewhere. It went and, so, the wood sheds were shaped differently at that time. So, when 750,000 tons comes on line, you can't we haven't made the assumption that that simply means the consumption, the demand in that shed will go up to 6.75 million. Because there might be a facility in Maine that benefited when the Berlin Mill shut down, but now that they have to travel a little further, they will extend their wood shed where it was when the mills were operating.
4 wasn't cut and harvested. It just went elsewhere. It 5 went and, so, the wood sheds were shaped differently 6 at that time. So, when 750,000 tons comes on line, you 7 can't we haven't made the assumption that that 8 simply means the consumption, the demand in that shed 9 will go up to 6.75 million. Because there might be a 10 facility in Maine that benefited when the Berlin Mill 11 shut down, but now that they have to travel a little 12 further, they will extend their wood shed where it was 13 when the mills were operating.
5 went and, so, the wood sheds were shaped differently 6 at that time. So, when 750,000 tons comes on line, you 7 can't we haven't made the assumption that that 8 simply means the consumption, the demand in that shed 9 will go up to 6.75 million. Because there might be a 10 facility in Maine that benefited when the Berlin Mill 11 shut down, but now that they have to travel a little 12 further, they will extend their wood shed where it was 13 when the mills were operating.
at that time. So, when 750,000 tons comes on line, you can't we haven't made the assumption that that simply means the consumption, the demand in that shed will go up to 6.75 million. Because there might be a facility in Maine that benefited when the Berlin Mill shut down, but now that they have to travel a little further, they will extend their wood shed where it was when the mills were operating.
7 can't we haven't made the assumption that that 8 simply means the consumption, the demand in that shed 9 will go up to 6.75 million. Because there might be a 10 facility in Maine that benefited when the Berlin Mill 11 shut down, but now that they have to travel a little 12 further, they will extend their wood shed where it was 13 when the mills were operating.
8 simply means the consumption, the demand in that shed 9 will go up to 6.75 million. Because there might be a 10 facility in Maine that benefited when the Berlin Mill 11 shut down, but now that they have to travel a little 12 further, they will extend their wood shed where it was 13 when the mills were operating.
9 will go up to 6.75 million. Because there might be a 10 facility in Maine that benefited when the Berlin Mill 11 shut down, but now that they have to travel a little 12 further, they will extend their wood shed where it was 13 when the mills were operating.
10 facility in Maine that benefited when the Berlin Mill 11 shut down, but now that they have to travel a little 12 further, they will extend their wood shed where it was 13 when the mills were operating.
11 shut down, but now that they have to travel a little 12 further, they will extend their wood shed where it was 13 when the mills were operating.
12 further, they will extend their wood shed where it was 13 when the mills were operating.
13 when the mills were operating.
14 So, it's just what we've learned in
15 talking to not only LandVest, but a number of the
16 brokers who handle wood, that the way the wood moves is
17 largely a function of the market and demand, as well as
18 the trucking efficiencies throughout the Northeast.
19 So, it's all connected. When a plant in the north, in
20 Maine, uses less, then there might be a shift away from
21 there into our markets.
22 So, the answer to your question is, that
23 if you add 6 million and 750,000, it is definitely
24 6.75 million. But I would not assume that that means

1	that that all comes from that shed. There will be a
2	shifting and a movement, maybe a realignment to the way
3	it was before, before the mills went out.
4	Does that help, Mr. Rodier, at all, to
5	understand that?
6	BY MR. RODIER:
7	Q. Let's go back, Mr. Bravakis, back to the conclusion
8	here. I thought we had gotten by the first paragraph,
9	where the existing consumption, within 100 miles of the
10	wood basket used by LandVest, is approximately
11	6 million a year. We've agreed on that, haven't we?
12	A. (Bravakis) Yes.
13	Q. Okay. Second paragraph. LandVest goes on why don't
14	I ask you to read the second paragraph.
15	A. (Bravakis) On what page please?
16	Q. I'm sorry. We're back on Page 4 of Exhibit
17	MR. ROTH: I think it's 2.
18	BY MR. RODIER:
19	Q. Exhibit 2.
20	A. (Bravakis) In Exhibit 9? Or, the Addendum?
21	Q. I'm sorry. I may have misspoken. I meant to say
22	"Exhibit 2, Page 4."
23	A. (Bravakis) So, that's the Addendum?
24	Q. Yes.

1	Α.	(Bravakis) Okay. Thank you. Page 4?
2	Q.	Yes. We were just here, and now I want to go back to
3		it.
4	A.	(Bravakis) Yes. I understand.
5	Q.	Okay. Would you read the second paragraph.
6	А.	(Bravakis) Okay. "As discussed in our 12/14 report,
7		our estimate of the available and sustainable low-grade
8		fiber within the study area is between 6.7 and 7."
9		it's actually "6.709500 and 7,233,000 tons per year,
10		depending on utilization standards. As demonstrated
11		through this refined analysis, it is our estimate that
12		the range of low-grade fiber available within the study
13		area, above and beyond current consumption, is 760,830
14		to 1.284330 green tons per year."
15	Q.	Okay. So, let's well, rather than you we know
16		it's about 6 million. To make the math simple, they've
17		done the math. Let's say that the current use is
18		actually 5,948,670, okay? Even though your testimony
19		said "6 million", so that we can make this clear here,
20		we'll use the number that's slightly less than they
21		that LandVest came up with, okay?
22	A.	(Bravakis) Uh-huh.
23	Q.	And, again, that's 5,948,670, isn't it? Okay. Then
24		they're saying that and, so, we've got that number

1		as a given, existing use, and we've agreed 750,000 tons
2		that the Laidlaw facility was going to consume at
3		45 percent moisture, didn't we?
4	A.	(Bravakis) Yes.
5	Q.	We agreed on that. So, can you could you possibly
6		add those up for me? Is that possible?
7	A.	(Bravakis) I don't have a calculator, but
8	Q.	Could somebody do that, and we'll come back to it when
9		that number is ready?
10	A.	(Bravakis) Yes. We can add that up for you, I'm sure.
11		I've got my technical expert here. We can
12	Q.	Can we do it now? Well, why don't you and I keep
13		going.
14	A.	(Bravakis) Okay.
15	Q.	And, when they have the number okay. So, we're
16		talking about "what is the sum of 750,000 and
17		5,948,670?" Okay.
18	A.	(Bravakis) Okay.
19	Q.	And, I heard what you said about "it's not" "this is
20		not an accurate science just to add these two numbers",
21		the existing consumption plus Laidlaw. But let's just,
22		as a hypothetical, assume that the Site Evaluation
23		Committee finds that you can add those two, you can add
24		5,948,670 and the 750,000 to find out what the
l	4	<pre>[SEC 2009-02] [Day 1/Morning session] {08-23-10}</pre>

1		consumption would be after the Laidlaw plant is
2		completed, okay? Let's just say and, so, I'm going
3		to ask you questions based upon that hypothetical.
4	A.	(Bravakis) I'd be glad to answer those. But I would
5		reiterate, I don't necessarily agree with the
6		assumption, but I'd be glad to answer the questions.
7	Q.	I know you don't agree with my hypothetical. I think
8		the record's pretty clear that you don't. So, now we
9		shift to
10	A.	(Bravakis) If I may, the number is actually 6,023,670,
11		when you add the is that right?
12	A.	(Strickler) No.
13	A.	(Bravakis) No, we added it wrong.
14	A.	(Strickler) Doesn't look right to me.
15	Q.	I think we need the Economics Department, I think.
16	A.	(Bravakis) I apologize for the snafu.
17	Q.	All right. Let's
18	A.	(Bravakis) He's not our accountant. He's our
19		environmental engineer.
20	A.	(Strickler) That's why we got the check and the double
21		check here.
22	A.	(Bravakis) And, the answer is?
23	Q.	You want to take the lunch hour to figure it out?
24	A.	(Bravakis) I think we can we got it.

1	Q.	Oh, you got it?
2	A.	(Bravakis) Okay. It's thanks, Carl, Dammon. It's
3		6,698,670 tons per year.
4	Q.	Well, that's pretty close to 6.7, isn't it?
5	A.	(Bravakis) Yes.
6	Q.	Okay. So, now, the question would become "is that
7		available?" I mean, if you're looking at this, that's
8		the next question in the process, right? This is going
9		to be the consumption, 6.7 million. So, the next thing
10		is, if we want to look at availability or
11		sustainability or whatever, we've got to ask the
12		question "is that going to be available?" Am I right?
13		Is it that simple?
14	A.	(Bravakis) If you're asking me whether our studies and
15		analysis has indicated that there's that much wood
16		available within 100 miles of Berlin, I would say
17		"yes".
18	Q.	Okay. And, I forgot. Did we read we read into the
19		record the first sentence here, did we not? And,
20		anyway, that first sentence says that LandVest is
21		saying that 6.7 million is available on the low end and
22		7.233 million is available on the high end?
23	A.	(Bravakis) That is correct.
24	Q.	So, just barely. I mean, it's almost exactly the same
I	{	[SEC 2009-02} [Day 1/Morning session] {08-23-10}

number. 1 (Witness Bravakis nodding affirmatively). 2 Α. Plus, you know, you agreed it was 6 million, which is 3 Q. greater than 5.948. So, if we actually use the 6 4 5 million, there's not enough wood available, using the low end of the LandVest range, is there? 6 7 (Bravakis) I don't agree with the basis of that Α. 8 conclusion. And, that is assuming that the wood sheds don't reshape to their original form, once our plant 9 gets up and running. 10 Okay. So, let's move on here then. 11 Q. CHAIRMAN BURACK: Attorney Rodier, let 12 me -- how much more questioning do you think you have for 13 14 these witnesses? 15 MR. RODIER: Well, you know, I've only got like another hour. I know you want to take -- you 16 17 want to take a break? I could probably get it done before lunch, if you want to go to 1:00. 18 19 CHAIRMAN BURACK: Steve, how are you --I'd like to take a ten minute break here. 20 21 MR. RODIER: Yes. 22 CHAIRMAN BURACK: Why don't we, let's 23 take a ten minute break, till ten minutes of 12:00, and then we'll come back till probably to somewhere around 24 {SEC 2009-02} [Day 1/Morning session] {08-23-10}

12:30, quarter of 1:00, something in that range. 1 Okay? So, we're going to recess for ten minutes. 2 (Whereupon a recess was taken at 11:40 3 a.m. and the hearing resumed at 11:57 4 5 a.m.) 6 CHAIRMAN BURACK: Okay. We're going to 7 go back on the record now. And, Attorney Rodier, before I 8 turn things back to you to continue your cross-examination, I understand that, Attorney Needleman, 9 you have some clarification that you need to get -- wish 10 to seek with respect to witnesses. And, did you have some 11 issues relating to the documents that we discussed earlier 12 that you wish to discuss now? 13 14 MR. NEEDLEMAN: Yes. Very briefly. Ι was going to ask both Mr. Bravakis, with respect to the 15 Cousineau agreement, and Mr. Strickler, with respect to 16 17 the Pre-EPC Contract, to just clarify precisely what documents we have at this moment and the status of those, 18 19 because I'm not sure that was clear before. And, then, I wanted to say that we are working to get those documents, 20 and expect to have them to the Committee today. 21 22 CHAIRMAN BURACK: Okay. Thank you. So, 23 do you wish to put specific questions to each of these If you do, please go ahead and do so. 24 gentlemen? {SEC 2009-02} [Day 1/Morning session] {08-23-10}

1	DIRECT EXAMINATION (resumed)
2	BY MR. NEEDLEMAN:
3	Q. Mr. Bravakis, could you just clarify precisely what the
4	state is of the agreement that you are working on right
5	now with Cousineau.
6	A. (Bravakis) Yes. I would characterize it in draft form,
7	unsigned. And, we are close to finalizing the terms,
8	but we are not there yet. So, it's a draft, unsigned
9	agreement at this point.
10	Q. And, Mr. Strickler, you made reference to an EPC
11	contract with Babcock & Wilcox. Could you clarify
12	precisely what document we actually have at this point
13	and the status of that document.
14	A. (Strickler) Sure. The agreement that was I referred
15	to in my testimony was an agreement called the "Pre-EPC
16	Contract", which is the comes before a final, full
17	EPC contract that we would have for the engineering and
18	construction of the facility. And, that Pre-EPC
19	Contract has been executed, which would then leads
20	will lead that effort or that work that's the scope
21	of work that's described in that would then lead to a
22	full EPC contract.
23	CHAIRMAN BURACK: Thank you.
24	MR. NEEDLEMAN: Nothing further.
	{SEC 2009-02} [Day 1/Morning session] {08-23-10}

CHAIRMAN BURACK: Okay. Thank you very 1 2 much. Attorney Rodier, do you wish to continue with your cross-examination? And, we'll go for at least half an 3 hour or so, and we'll see how we're all doing, and make a 4 5 determination from there whether we can finish up --MR. RODIER: Okay. 6 7 CHAIRMAN BURACK: -- finish up your cross on these issues before lunch or we'll take a lunch 8 break. 9 MR. RODIER: All right. Thank you very 10 much, Mr. Chairman. 11 CROSS-EXAMINATION (resumed) 12 BY MR. RODIER: 13 Now, Mr. Bravakis, we've talked about, under the 14 Q. LandVest study, again, back on Page 4 of Exhibit 2, 15 6.7 million tons of low-grade fiber is available. Do 16 17 you have that in mind? I'm looking at Paragraph 2, Page 4 of Exhibit 2. 18 19 Α. (Bravakis) It's actually 6.7 to 7.23. 20 Okay. I'm looking at Page 4 of Exhibit 2. I see where Q. 21 it says "6,709,500". Are we on the same page? 22 (Bravakis) If I could read it, if I may? Α. 23 Q. Yes. (Bravakis) "As discussed in our 12/14/09 report, our 24 Α.

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1		estimate of available and sustainable low-grade fiber
2		within the study area is between 6." "6,709,500 and
3		7,233,000 tons per year, depending on utilization
4		standards."
5	Q.	Okay. I mean, I'm looking that's just lower than
6		the number I've got here. I'm looking at Exhibit 2 in
7		the book that says "6,709,500". But what was what
8		is the number we should be using? Read that again.
9		Six
10	Α.	(Bravakis) Would you like me to read it again?
11	Q.	You can just read the what I call the "low end".
12		You can take if you want to read the whole sentence
13		again, that's fine, too.
14	Α.	(Bravakis) Okay. In the "Conclusion" of the Addendum
15		that LandVest did for us, it says I believe the area
16		of interest that you're referring to says "As discussed
17		in our 12/14/09 report, our estimate", this is LandVest
18		speaking, "of the available and sustainable low-grade
19		fiber within the study area is between 6,709,500 tons
20		and 7,233,000 tons per year, depending on utilization
21		standards."
22	Q.	Okay. That's what I've got.
23	Α.	(Bravakis) Okay.
24	Q.	Now, I want to ask you next what the qualifier

1		"depending on utilization standards" means. But,
2		first, I want to ask you about the earlier LandVest
3		study. They did a LandVest LandVest did a study
4		for, well, the North Country Council in 2008?
5	A.	(Bravakis) I believe they did, yes.
6	Q.	Yes. Did they not find that there was 640,000 tons
7		available?
8	A.	(Bravakis) You know, I'm really that wasn't a study
9		that we were involved in. So, I would prefer that
10		LandVest would answer any questions on previous
11		studies.
12	Q.	All right. So, if we went to the Appendix P, part of
13		the Application, you would not be able to readily find
14		the reference to the 2008
15		(Court reporter interruption.)
16	BY N	IR. RODIER:
17	Q.	Let me get let's make this a little simpler here.
18		You're saying you will defer to LandVest, and they will
19		have somebody here?
20	A.	(Bravakis) If you're let me see if I understand your
21		question. If you're asking me to explain a study that
22		LandVest did for another entity, the North Country
23		Council, I'm not prepared to do that. I can talk about
24		the study that they conducted for us, and I'd be glad
I	J	SEC 2009-02 [Day $1/Morning$ session] $\{08-23-10\}$

to do that. 1 2 0. Yes. (Bravakis) But I would direct you to contact them 3 Α. directly, or the North Country Council, to talk about 4 studies that they did for them. 5 Okay. Well, I was just asking about your knowledge of 6 Q. 7 what they found in this study for North Country Council. And, you're saying you really don't know what 8 9 their finding was. Would --(Bravakis) That's not what I'm saying. 10 Α. Well, that's what I'm asking. 11 Q. (Bravakis) Okay. Well, if you're asking me my 12 Α. knowledge, my understanding of the conclusions of that 13 study was that, within a two hour drive of Berlin, 14 there was between 600 and 900,000 tons available of low 15 grade for additional users. And, that's my 16 17 understanding of it. And, what was the number? I'm sorry, I was distracted. 18 Q. 19 Α. (Bravakis) The high range was 900,000. And, I don't have the study before me. I think the lower range was 20 21 actually lower than six. So, there's a pretty wide 22 range. Okay. So, what -- it looks like what happened 23 Q. Yes. here is that the low end of the range of the study that 24 {SEC 2009-02} [Day 1/Morning session] {08-23-10}

1		LandVest did for the North Country Council was not
2		enough to fit Laidlaw into the picture. So, they were
3		asked to go back and say "well, increase the two hour
4		drive to three hours, and see if you can come up with a
5		higher number." Is that what happened?
6	A.	(Bravakis) Not to my recollection, no.
7	Q.	All right. Let's okay, we were going to go to
8		utilization standards next. Now, is that the the
9		"utilization standards", is that the issue of whether
10		it's what, 50 percent utilization or 70 percent
11		utilization?
12	Α.	(Bravakis) The way I understand utilization standards
13		is most of the lower end products in a timber harvest
14		are produced in response to existing markets. So, in
15		the Berlin area, historically, the existing markets
16		were predominantly pulp and paper manufacturing
17		facilities. Pulp and paper manufacturing facilities,
18		for the most part, accept round wood. And, they accept
19		round wood, I've been told, down to rat tail size.
20		Typically, this round wood, which means trees devoid of
21		all the tops and branches and limbs, are taken either
22		directly to the pulp and paper the pulp plant, in
23		fact, pulp facilities or to processing facilities to be
24		made into a paper grade chip.

What that means with respect to 1 2 utilization is that the tops and branches that would be very suitable to be part of a mix for a biomass plant 3 are not harvested, they're left in the woods. If a 4 biomass plant shows up, very likely the contractor, and 5 it's happening, will start utilizing those tops in 6 7 response to the market, because now he has a market 8 that can chip up that previously a waste product. So, when you have a biomass plant, along with pulp and 9 paper facilities, you get the utilization of the 10 pulpwood, which is a higher value product, plus you get 11 the utilization of the tops and branches, which 12 previously, if the biomass plant wasn't there, would 13 have not -- would have remained in the woods. And, in 14 talking to a number of not only consultants, but folks 15 who have deep and extensive knowledge of this, they're 16 17 saying that, what they see when biomass plants come, get set up, is that the contractors either will 18 19 purchase chippers or they will harvest in a manner where they will, instead of leaving the tops and 20 21 branches in the woods to rot, they will stockpile them, and then hire a chipping contractor to come in and chip 22 them for this, the lowest of the markets, the whole 23 grade chip -- the whole tree chip. 24

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1	Q.	Okay. Would you agree with me that the low end of the
2		LandVest range is based upon a 50 percent utilization?
3	Α.	(Bravakis) Yes.
4	Q.	Would you agree that the high end of the Laidlaw range
5		is based upon a 70 percent utilization?
6	Α.	(Bravakis) Yes.
7	Q.	Okay. Are you aware of any forest industry standards
8		or protocols that recommend a minimum amount of you
9		were talking about tops and things like that, that
10		would recommend a minimum amount be left on the forest
11		floor?
12	Α.	(Bravakis) What our research has uncovered is, although
13		New Hampshire does not have a policy that makes such a
14		recommendation, a number of other states in the nation
15		do. And, we have uncovered some information prepared
16		by the Forest Guild that described how the range
17		usually is, at a minimum, I believe Maine is 15 or 20
18		percent, other states are up to 30 percent, which means
19		that, rather than leaving 50 percent in the woods,
20		because there is no market there to accept it, and the
21		other extreme would be to take it all out. So, good
22		harvesting practices would require to leave some of
23		those tops in to replenish the nutrients lost in the
24		soils. And, the states that do have those policies
L		

	recommend usually 20 or 30 percent. We took the higher
	range, at 30 percent, and that's and LandVest did,
	and we talked, and that's where they came up with the
	better utilization.
Q.	Right. Now, the better utilization of 70 percent, that
	really doesn't exist now. That, what you're saying, in
	a competitive situation, that number could be achieved.
	Is that what you're saying?
Α.	(Bravakis) Well, I'm not sure what you're defining as
	"competitive situation". What I'm suggesting is that,
	when the market shows up, the suppliers will satisfy
	that market. That has historically been the situation
	in Berlin. My experience and knowledge of logging
	contractors is that when they when they deploy their
	equipment in the woods and have a harvesting operation,
	they want to utilize everything that they possibly can.
Q.	Right.
Α.	(Bravakis) And, it makes sense, so that they can return
	more create more revenue for their effort. That's
	what I'm saying.
Q.	So, it's going to cost a little more to get the
	70 percent from 50 percent?
Α.	(Bravakis) I'm sorry?
Q.	Isn't it going to cost a little more to get up to
{	SEC 2009-02} [Day 1/Morning session] {08-23-10}
	A. Q. A. Q. A. Q.

		88
1		70 percent from 50 percent?
2	Α.	(Bravakis) No, I don't agree with that at all.
3	Q.	Okay. So, what you're saying is then is that the
4		current utilization is about 50 percent, but you think
5		the market is going to show up, once the Laidlaw
6		project has got built, and that's going to increase it
7		to 70 percent?
8	Α.	(Bravakis) What I'm trying to say, and let me see if I
9		can rephrase it,
10	Q.	Well, I'm kind of asking you what you did say.
11	Α.	(Bravakis) Right. I'm trying to explain it for you.
12	Q.	Okay.
13	Α.	(Bravakis) If I may? What I'm trying to say is that a
14		logging contractor, who's supplying round wood to a
15		pulp mill is in the process of cutting the tops and
16		branches right now and leaving them in the woods. If a
17		biomass plant, whether it's our plant or another plant,
18		is within a trucking distance proximity to that logging
19		contractor, he will then reconsider whether or not he
20		should harvest those tops and branches, which he has
21		already harvested and leaving in the woods, to create
22		more revenue for him.
23	Q.	Okay.
0.4	-	(Duranchia) do that and he doing as hald utilizing

A. (Bravakis) So, that -- and, by doing so, he's utilizing

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1		more of the tree. And, typically, biomass plants
2		utilize the waste, the lowest product in the harvesting
3		spectrum, if you will, and that's the tops and
4		branches. And, from but nobody really goes in to
5		cut forestland just for the tops and branches.
6	Q.	I understand.
7	A.	(Bravakis) It's an integrated process.
8	Q.	I understand that. It's almost like a byproduct, is
9		what you're saying?
10	A.	(Bravakis) Exactly. It's a waste product.
11	Q.	Okay. Now, we talked about the 6 million baseline of
12		existing consumption now. There's not much room for
13		any new use, is there? I mean, we're never going to
14		have another paper mill move to New Hampshire. There's
15		just not enough wood after Laidlaw.
16	A.	(Bravakis) I'm not sure I understand the question.
17	Q.	Well, the existing consumption level is 6 million tons
18		a year. The low end of the LandVest range is about
19		6.7. You're going to use 750. No room for anybody
20		else, is there, at the focusing on the low end of
21		the range?
22	A.	(Bravakis) If you're asking me to agree with that
23		statement, I don't agree with that.
24	Q.	Okay.

1	A.	(Bravakis) And, if you'd like me to explain why I don't					
2		agree with it, I'd be glad to do it.					
3	Q.	Well, let me ask you a question then. Is there any					
4		room for anybody to move into the North Country and,					
5		you know, another biomass plant, for example, or					
6		somebody else that uses low grade fill low-grade					
7		biomass?					
8	A.	(Bravakis) That would really depend on their analysis					
9		and their determination of what the markets are and					
10		what the opportunities are. It's not really for me to					
11		say what another entity would they would have to					
12		conduct their own studies and do their own analysis,					
13		just like we have.					
14	Q.	Well, somebody could read the transcript of this					
15		proceeding and say "well, there's 6.7 available,					
16		6.7 million available. And, with Laidlaw, the					
17		consumption is going to go up to over that." So, if I					
18		was a guy who was going to build a pellet plant, there					
19		are quite a few of them that are interested in the					
20		North Country, would be reasonable for this person to					
21		say "hey, there's no fuel." Would you agree?					
22	Α.	(Bravakis) No, I wouldn't.					
23	Q.	Okay. All right. There's certainly no room for CPD,					
24		is there?					

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1	Α.	(Bravakis) Are you asking me that question?				
2	Q.	Yes.				
3	A.	(Bravakis) That's up to CPD to determine, not up to me.				
4	Q.	Okay. So, if CPD were to look at the LandVest study				
5		and what you're going to use, you think that CPD and				
6		its bankers could say "hey, there's enough for us,				
7		too." Is that what you're saying? That would be				
8		reasonable?				
9	Α.	(Bravakis) In all due respect, I really can't answer				
10		for CPD or their bankers				
11	Q.	I see.				
12	Α.	(Bravakis) and what they might how they might				
13		analyze any studies.				
14	Q.	Okay. But, I guess the general point I'm making,				
15		there's no new uses here? That this whole study is				
16		based upon no new uses? None? No new pulp companies,				
17		no new pellet factories, and certainly no CPD, is that				
18		right? Their numbers?				
19	Α.	(Bravakis) That wasn't the purpose of the study, no.				
20	Q.	One question here on the sustainability stipulation				
21		that we heard about. Certainly, in LandVest coming up				
22		with their numbers, they haven't seen the				
23		sustainability conditions, have they?				
24	Α.	(Bravakis) They have. They have been involved, and all				
l		{SEC 2009-02} [Day 1/Morning session] {08-23-10}				

		52
1		along.
2	Q.	They've seen the deal that you've got?
3	A.	(Bravakis) We've consulted with them, yes.
4	Q.	And, it hasn't affected it will not affect these
5		results that we're putting into the record here?
6	A.	(Bravakis) No.
7	Q.	Okay. Let's turn to
8		MR. RODIER: And, Mr. Chairman, I am
9	wi	nding down here.
10	BY M	IR. RODIER:
11	Q.	Let's turn to Schiller. Let's look at Exhibit 2, Page
12		2.
13	A.	(Bravakis) Exhibit 2, Page 2. If you'd please give me
14		a minute to find that.
15	Q.	Sure. Sure.
16	A.	(Bravakis) Okay. Thank you. I've got it here,
17		actually.
18	Q.	So, let's look at the line that says "PSNH Schiller
19		Station".
20	A.	(Bravakis) Okay.
21	Q.	Could you just go quickly across that table and just
22		tell us what the columns are, and et cetera, so that we
23		have just a quick rudimentary understanding.
24	A.	(Bravakis) Sure. For those of you, and I guess the
I	{	SEC 2009-02} [Day 1/Morning session] {08-23-10}

1		Committee sees this, we have the "plant name", as in					
2		"PSNH Schiller Station". The "type" is a "power					
3		plant". The "Consumption (in green tons)" is					
4		"450,000" tons per year. The "Radius" of which they					
5		draw is "75 miles". "Areas in the" "Acres in [our]					
6		study area" is "3,536,302". "Areas [Acres?] for Each					
7		Facility" based on the radius is "4,336,563".					
8		"Geographical Analysis" is "81.55 percent". And, the					
9		"Wood Assigned" is "183,479" tons per year.					
10	Q.	Okay. And, how do you calculate the "wood assigned"					
11		amount?					
12	А.	(Bravakis) The way that was arrived at is two-fold.					
13		One is the LandVest modeler did a model that he					
14		explains, and it's actually more complicated than I can					
15		understand, but he looks at overlapping areas where you					
16		make an assumption that a plant of certain size draws					
17	from a circle of a certain miles, and they looked at						
18	where these plants would overlap. And, if they found						
19		an area that, say, three plants overlapped that					
20		exceeded the amount that that could be sustainably					
21		harvested in that area, then they made an assignment of					
22		who would draw from that area and who wouldn't. And,					
23		based on that, they said, for example, the Schiller					
24		Station will draw X amount of tons from our area. That					
l							

was -- that was the first step in our analysis. 1 We understand that this market, the market -- the wood 2 market today can be different from the wood market next 3 week, because of the trucking dynamics. So, we felt 4 that we really needed to get some intelligence to over 5 -- to take a look at this from people who actually move 6 7 the wood and see the wood, and to say "Okay, this is theoretical. You've taken so much here and there for 8 these different plants. Is that actually true?" 9 So, we sat down with Curt Richmond, from 10 Cousineau Forest Products, who supplies to Schiller, 11 supplies to New England Pellet, supplies to a number of 12 these plants, and we asked him "is this actually true?" 13 And, we had him put some refinements on this, based on 14 actual real-world movement of fuel and wood. And, we 15 learned some things. We learned, for example, that 16 17 Schiller draws a lot of its wood down in Massachusetts, because their proximity to Route 95, and there's no 18 19 markets in Massachusetts, and they're before the plants in Maine. So, it makes sense that the trucks would 20 21 stop in there, rather than go all the way up to Massachusetts [Maine?] to find markets for wood, clean 22 biomass in Massachusetts. So, he applied a refinement 23 24 to this based on his experience. And, we then, without

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

1	actually going to every facility and trying to have him						
2		describe all their suppliers. It's, in actuality it's					
3		not circles, it's more like amoebas or gerrymanders,					
4		where you reach into areas where there's less					
5		competition. You take advantage of trucking					
6		efficiencies. A lot of the wood beyond 75 or 80 miles					
7		moves because trucks need backhauls. And, it's a very					
8		complicated and a dynamic situation of the way wood					
9		moves in the Northeast, is what we learned. And, so,					
10		that is how we came up with our best estimate of the					
11		wood assigned in our primary source of supply.					
12	Q.	Okay. Now, I really recall, in the technical session,					
13		the gentleman who was there from LandVest said, if you					
14		multiply 81.55 percent, which is in the "Geographical					
15		Analysis" column, if you multiply that by the column					
16		"Consumption of Green Tons", that that's how you					
17	determine the "Wood Assigned" column. Did I is my						
18	recollection faulty?						
19	А.	(Bravakis) As I was trying to explain, maybe I					
20	Q.	I just want a simple answer.					
21	А.	(Bravakis) maybe I lost it in my long-winded answer.					
22		That was our first cut at it.					
23	Q.	All right. That's all I wanted.					
24	Α.	(Bravakis) But then we asked We weren't satisfied.					
l	{	SEC 2009-02} [Day 1/Morning session] {08-23-10}					

1		We said, "is that" "we need to get a reality base on					
2		that."					
3	Q.	All right.					
4	A.	(Bravakis) So, that's what we did. It should have been					
5		actually enumerated more in their study, and I					
6		apologize.					
7	Q.	All right.					
8	A.	(Bravakis) But they should have talked about Cousineau					
9		coming in and putting some intelligence on that. But					
10		that's the way the evolution of these numbers					
11	Q.	Because that "Wood Assigned" number would double,					
12		wouldn't it not, roughly?					
13	A.	(Bravakis) I'm sorry.					
14	Q.	The "Wood Assigned" number for Schiller would double?					
15	A.	(Bravakis) If we stopped at the first analysis,					
16	Q.	Yes.					
17	A.	(Bravakis) yes, you're correct.					
18	Q.	Okay. Now, you're saying Schiller's going to get their					
19		wood from the south. So, are you going to be saying					
20		that the wood that's consumed by the Laidlaw facility					
21		is not going to affect the price of wood at Schiller?					
22	A.	(Bravakis) You know, it's very complicated for me to					
23		make a prediction on how the market will evolve in					
24		this. I've learned I've learned that this is a very					

1		complicated and dynamic market. And, I don't think you					
2		can make a simple statement like that. Simply because,					
3		as the markets show up, people come up and supply them.					
4		It's one of the reasons that I like biomass energy is					
5		because the fuel supply is locally produced, with,					
6		really, virtually few barriers to entry.					
7	Q.	Yes.					
8	А.	(Bravakis) So, you can get a supply coming on board					
9		that can diminish markets. Right now, there's a big					
10		glut of wood on the market. And, from what we					
11		understand, it's going to stay that way for quite a					
12		while. So, I wouldn't be comfortable making a					
13		statement like that.					
14	Q.	Q. Okay. So, then, I guess that would mean that the					
15		consumption of 750,000 tons a year at Laidlaw, in					
16	Berlin, could affect the price of the wood that Public						
17		Service buys for Schiller?					
18	А.	(Bravakis) I guess, if you want to make that					
19		conclusion, feel free.					
20	Q.	Okay.					
21	А.	(Bravakis) I don't know I mean, it could affect it,					
22		it could not affect it, how much it could affect it,					
23		upward or downward, I would have a very difficult time					
24		putting a stamp of approval on what happens in Berlin.					
	L	{SEC 2009-02} [Day 1/Morning session] {08-23-10}					

1	Q.	Okay. So, now I'm starting to see a relationship here,					
2		because Cousineau is going to buy the wood for Laidlaw,					
3		that currently buys it for Schiller, I think I heard					
4		you say?					
5	A.	(Bravakis) No, Cousineau supplies a lot. And, they're					
6		a small supplier to Schiller, so					
7	Q.	Now, that was a simple question. I said Cousineau is					
8		going to be procuring wood for both plants, is that					
9		right?					
10	A.	(Bravakis) They supply as far as I understand, they					
11		supply wood to the Schiller Station, yes.					
12	Q.	Okay.					
13	А.	(Bravakis) And, we're talking to them about supplying					
14		for us, yes.					
15	Q.	Did Public Service tell you you had to use them?					
16	Α.	(Bravakis) No, sir.					
17	Q.	Okay. In the PPA, doesn't it say that Public Service					
18		is going to reimburse you for the wood that you					
19		consumed in Berlin, at whatever the price of wood is					
20		consumed at Schiller, is that correct?					
21	Α.	(Bravakis) There is wait. Can you repeat the					
22		question again?					
23	Q.	Under the PPA, for the word for the wood that is					
24		burned and consumed in Berlin, you are going to pass					
	r						

through to PSNH the same price per unit for the cost of 1 the wood PSNH incurs at the Schiller Station? 2 MR. NEEDLEMAN: Mr. Chairman, before 3 Mr. Bravakis answered, I'd just like a clarification. We 4 have submitted a version of the PPA to this Committee, 5 which is the same version that has been submitted to the 6 7 PUC. And, portions of both of those are redacted as "confidential". And, I would just like it clarified 8 whether the portion that Mr. Rodier is referring to is, in 9 fact, public or not? 10 11 MR. RODIER: It's public. I can show it to you, if you like? I mean, I will represent that it's 12 public. I mean, I'm amazed that they, themselves, don't 13 know. Somebody with Laidlaw has to know whether that is 14 15 public or not. 16 CHAIRMAN BURACK: Attorney Needleman, do 17 you have any reason to believe that what's being referred to is not in the public record? 18 19 MR. NEEDLEMAN: I have no idea what portion he's referring to, and I'm not completely 20 21 conversant, which is why I wanted a clarification. 22 CHAIRMAN BURACK: Can you clarify --23 It's 6.1.2 of the PPA. MR. ROTH: 24 CHAIRMAN BURACK: I'm sorry. Attorney {SEC 2009-02} [Day 1/Morning session] {08-23-10}

Roth, you're suggesting this is at Section 6.1.2 of the 1 2 PPA? MR. ROTH: Of the PPA. That's Exhibit 3 40. 4 CHAIRMAN BURACK: Exhibit 40? 5 MR. RODIER: Well, that's very helpful. 6 7 CHAIRMAN BURACK: Thank you. Let's give 8 folks a moment please to find that. MR. RODIER: And, that's 6. what? 9 MR. ROTH: 6.1.2(a). 10 11 MR. RODIER: Yes. That's what I'm talking about. May I proceed, Mr. Chairman? 12 13 CHAIRMAN BURACK: I just want to confirm that all members of the Subcommittee were able to find 14 where this is in the exhibits? Please proceed. 15 BY MR. RODIER: 16 17 **Q**. Okay. Mr. Bravakis, was I right or wrong about you getting paid in Berlin for the wood that you consume --18 19 reimbursed by PSNH for wood that you consume at the same price that PSNH incurs for the Schiller plant? 20 21 Α. (Bravakis) That's incorrect. 22 Okay. What am I missing? I think that's what it says Q. 23 to me in that contract, does it not? You see the reference to "Schiller" in there? 24

1 A. (Bravakis) Yes, I do.

I know the Committee doesn't want us to get into 2 0. Okav. the details of the PPA, and I certainly don't propose 3 to do that. But can I get a brief explanation then? 4 Let me say this. "The WPA will reflect the difference 5 between the actual dollars per ton Biomass Fuel cost 6 7 that PSNH paid for Biomass Fuel at its Schiller Station 8 facility." That's "The Wood Price Adjustment will reflect the average dollars per ton Biomass Fuel cost 9 that PSNH paid for Biomass Fuel at [the] Schiller 10 Station facility." Go ahead, answer. 11 (Bravakis) What we pay in Berlin has nothing to do with 12 А.

13 that. We are responsible for our own payment. There's 14 no connection whatsoever, to answer your question. 15 Q. Okay. But I wasn't asking you what you paid. I was 16 asking you what you get reimbursed by PSNH at what 17 amount?

18 A. (Bravakis) So, assuming -- I guess I need to understand 19 your question with respect to wood pricing. That are 20 you saying that, if we pay \$30 a ton for wood, and the 21 market is different, that Schiller actually reimburses 22 us for what we pay for wood? Is that what you're 23 asking me?

24 Q. Yes. That's what I think that says.

{SEC 2009-02} [Day 1/Morning session] {08-23-10}

		102				
1	A.	(Bravakis) No, that's not correct.				
2	Q.	What doesn't but let's just say then this is				
3		useful. Let's just say that the cost of wood, southern				
4		New Hampshire, at Schiller is 35.				
5	A.	(Bravakis) Uh-huh.				
6	Q.	And, you're paying, through Cousineau, you're paying				
7		30. What does this clause mean?				
8	Α.	(Bravakis) I'm sorry.				
9	Q.	What does this contract provision mean?				
10	Α.	(Bravakis) With respect to what we pay in Berlin,				
11		nothing.				
12	Q.	I'm asking what Public Service pays you in Berlin?				
13		That's all I'm trying to ask.				
14	A.	(Bravakis) With respect to our price of wood?				
15	Q.	Yes.				
16	A.	(Bravakis) There's no connection.				
17	Q.	What's the purpose of this clause? The WPA is based				
18		upon the price of wood that PSNH incurs at Schiller.				
19	A.	(Bravakis) That's correct.				
20	Q.	Okay. Take us from there. You're saying it's got				
21		nothing to do with anything. And, the contract says				
22		that the WPA, which is the wood price adjustment, is				
23		based on the price that PSNH pays at Schiller?				
24	A.	(Bravakis) Right. And, if I understand your question,				
-		{SEC 2009-02} [Day 1/Morning session] {08-23-10}				

1	you're trying to suggest that somehow we get reimbursed			
2	for whatever we pay in Berlin, and that's simply not			
3	not the fact. That's not true.			
4	Q. Well, okay. Why don't we I mean, you can't do any			
5	better in clearing up or clarifying this clause in the			
6	contract, right?			
7	A. (Bravakis) I'm trying to with all due respect, I'm			
8	just trying to answer your question.			
9	Q. Well, let me try it one last time. What is the purpose			
10	of this clause? What is its effect? Why is it in the			
11	contract? What does it do? Can you answer that?			
12	A. (Bravakis) Before I answer that, I would I think			
13	that's probably getting into some substantive matters			
14	of the Power Purchase Agreement. And, I'd like to			
15	confer with by colleagues before, to see how much of			
16	that we would like to talk about,			
17	Q. I can see it's a			
18	A. (Bravakis) with respect to CPD's intervention.			
19	MR. RODIER: I can see it's a touchy			
20	subject. So, on that note, I think what I will do here is			
21	rest my cross-examination.			
22	CHAIRMAN BURACK: Okay. So, Attorney			
23	Rodier, you have no further questions at this time for any			
24	of these witnesses, cross-examination, based on materials			
l	{SEC 2009-02} [Day 1/Morning session] {08-23-10}			

that have been provided to date, is that correct? 1 2 MR. RODIER: Oh, I'm sorry. I thought -- I was just dealing with Bravakis. You want me to go to 3 the others now? 4 CHAIRMAN BURACK: How much additional 5 time do you think you have for these other folks? 6 7 MR. RODIER: I really don't have anything for Mr. Frecker. I don't know, did I get your 8 name right, I'm sorry? 9 10 WITNESS FRECKER: That's fine. 11 MR. RODIER: Okay. And, I've got a little for Strickler, not much. I could fit it in, if, 12 13 you know, --14 CHAIRMAN BURACK: Okay. Very good. Let me check with -- why don't we go ahead and see if we can 15 get through your cross-examination of Mr. Strickler here. 16 17 MR. RODIER: Okay. BY MR. RODIER: 18 19 Q. Mr. Strickler, I want to refer you to Exhibit -- would you just quickly identify Exhibit 52 please. 20 21 Α. (Strickler) That's my testimony amended of August 16th. 22 I'm sorry. I zoned out for a second. **Q**. 23 (Strickler) It's my amended testimony as of Α. 24 August 16th.

1	Q.	Okay. This is the amended testimony?				
2	Α.	A. (Strickler) Yes.				
3	Q.	And, I wanted to refer you to Page 2.				
4	Α.	(Strickler) Yes.				
5	Q.	And, there, at the top of Page 2, you say "I will				
6		oversee and ultimately be responsible for final design,				
7		construction and operation of the Berlin Project." Is				
8		that correct?				
9	Α.	(Strickler) Yes.				
10	Q.	And, then, you say in red, this is what you added:				
11		"Under contract with NewCo, Homeland is to provide				
12	[the] service to the Applicant for development, design,					
13	construction, and operation of the Berlin Project."					
14	Correct?					
15	Α.	(Strickler) That's right.				
16	Q.	So, you're going to be reporting to NewCo?				
17	Α.	(Strickler) Homeland's arm, yes, we will report to				
18		them, as a service provider to them.				
19		MR. RODIER: I'll stop right there.				
20	Nc	thing further.				
21		CHAIRMAN BURACK: You have nothing				
22	fu	rther at this time? Okay. Very well. We're going to				
23	ta	ke a recess for lunch here. I just want to get a sense				
24	fr	om counsel for the parties, do you think we can do this				
L	ſ	SEC 2009-02 [Day $1/Morning geggion] $ $08-23-10$				

1 in an hour or do you think we need an hour and a quarter 2 for lunch? You think we can do this, you can be okay in a hour? 3 MR. RODIER: 4 Sure. 5 CHAIRMAN BURACK: Everybody else can work with an hour? Okay. I'm just looking at the clock 6 7 in the back of the room here, which says it's, and that's probably pretty close to accurate, it says 12:35. Let's 8 reconvene here at 1:35. So, we'll stand adjourned until 9 that time. 10 11 (Whereupon the Day 1 Morning Session recessed for lunch at 12:35 p.m. 12 The 13 Day 1 Afternoon Session to resume 14 under separate cover so designated.) 15 16 17 18 19 20 21 22 23 24

#### {SEC 2009-02} (DAY 1 - AM SESSION) - August 23, 2010 LAIDLAW BERLIN BIOPOWER, LLC

	73:6	82:4,14	50 (8)	73:9;81:3,20
\$	12/14/09 (2)	2009 (3)	67:16;68:6;84:10;	7.23 (1)
<b>.</b>	80:24;81:17	13:22;63:13,14	86:2,19;87:22;88:1,4	80:19
	12:00 (1)	2009-02 (1)	50,000 (1)	7.233 (1)
<b>\$28,700</b> (1)	77:23	13:7	15:22	76:22
39:15	12:30 (1)	2010 (8)	51 (2)	70 (9)
<b>\$3</b> (1)	78:1	13:13,15,18;14:10;	47:3;48:20	13:9;14:9;15:5;84:10;
25:14	12:35 (2)	21:4;65:12,13;68:8	52 (3)	86:5;87:5,22;88:1,7
\$30 (1)	106:8,12	21 (1)	47:3;48:20;104:20	700,000 (1)
101:20	120-acre (1)	13:13	541-A32 (1)	32:15
<b>\$500,000</b> (2)	14:19	24,000 (1)	32:1	75 (3)
25:19,22	135-acre (1)	42:18	55 (1)	32:12;93:5;95:6
r	38:22	<sup>42.10</sup> 25 (1)	41:19	750 (2)
[	15 (2)	28:17	<b>56</b> (1)	70:4;89:19
	67:16;86:17	<b>26</b> (1)	44:23	750,000 (9)
[Acres] (1)	150 (1)	14:10	44.23	69:4,10;70:13;71:6,
93:6	41:23	<b>28</b> (1)	6	23;74:1,16,24;97:15
[Maine] (1)	<b>16</b> (1)	13:18	0	760,830 (1)
94:22	13:22	13.18	6 (22)	73:13
[our] (1)	15.22 162-H (1)	3	63:22;64:8;66:5,7;	73.13
93:5	102-H (1) 11:6	3		8
[sic] (1)		2 (1)	67:23;68:9;69:10,14,16,	0
66:24	<b>162-H1 (2)</b>	3(1)	22,24;70:12;71:23;	80 (2)
[the] (4)	31:21,24	67:10	72:11;73:16,19;77:3,4;	80 (2)
67:14,17;101:10;	<b>162-H4</b> (1)	3,200 (1)	81:2;89:11,17;100:9	32:12;95:6
105:12	14:13	16:24	<b>6,023,670</b> (1)	800 (1)
	162-H6-a (1)	3,536,302 (1)	75:10	17:2
1	14:13	93:6	<b>6,698,670</b> (1)	81.55 (2)
	16th (2)	30 (4)	76:3	93:8;95:14
1 (8)	104:21,24	86:18;87:1,2;102:7	<b>6,709,500</b> (4)	9
17:24;18:2;44:22;	183,479 (1)	300 (3)	80:21;81:2,7,19	9
59:17;68:13,16;106:11,	93:9	16:4,22;40:21	6,750,000 (3)	0 (7)
13	18-inch (1)	327 (1)	69:12,14;70:4	9 (7)
1.284330 (1)	16:10	41:21	6.1 (1)	45:12;46:17;63:3,4,4,
73:14	<b>1920s</b> (1)	35 (1)	67:7	7;72:20
1.3 (3)	36:13	102:4	6.1.2 (2)	9/11 (1)
70:8;71:2,3	1925 (1)	4	99:23;100:1	40:23
1:00 (2)	42:19	4	6.1.2a (1)	900 (1)
77:18;78:1	1973 (1)		100:10	42:6
1:35 (1)	41:20	4 (10)	6.127362 (1)	900,000 (2)
106:9	1975 (1)	65:14,16,18,20;72:16,	67:14	83:15,19
10 (7)	39:16	22;73:1;80:15,18,20	6.7 (9)	95 (1)
28:19;42:19;45:12;	1995 (1)	4,336,563 (1)	73:8;76:4,9,21;80:16,	94:18
46:17;68:11,11;69:2	48:9	93:7	19;89:19;90:15,16	
100 (6)		40 (3)	6.709500 (1)	Α
32:16;43:8;56:2;66:1;	2	26:21;100:4,5	73:9	
72:9;76:16	<b>a</b> (10)	44 (1)	6.75 (2)	abide (1)
100,000 (1)	2 (18)	49:4	71:9,24	61:16
32:17	13:15;65:5,6,12;	45 (3)	60 (11)	ability (2)
10th (2)	72:17,19,22;80:15,17,	68:6;69:7;74:3	33:9;44:23;50:18;	31:4;50:5
65:12,13	18,20;81:6;92:11,12,13,	450,000 (1)	51:24;54:13;56:23;57:9,	able (19)
11 (1)	13;105:3,5	93:4	23,24;58:7;61:1	18:16;25:9,9,18;34:8,
69:2	2.25 (1)	47 (1)	600 (2)	13,14;42:14;43:3,9;
11:30 (1)	25:15	68:16	70:4;83:15	50:13;51:6;52:16;53:12;
23:1	20 (6)	_	62 (1)	54:24;55:7,7;82:13;
11:40 (1)	21:4;56:2;64:7,16;	5	14:19	100:14
78:3	86:17;87:1		640,000 (1)	above (1)
11:57 (1)	20,000 (1)	5,948,670 (5)	82:6	73:13
78:4	28:16	66:1;73:18,23;74:17,	_	Absolutely (1)
110 (1)	200 (1)	24	7	57:6
38:14	26:21	5.948 (1)		abuts (1)
115 (1)	2003 (1)	77:4	7 (1)	15:2
16:6	41:22	5:00 (1)	73:8	accept (4)
	2008 (2)	23:6	7,233,000 (3)	35:2;84:18,18;86:20
12/14 (1)	2008 (2)	23.0	7,233,000 (3)	55.2,04.10,10,00.20

#### {SEC 2009-02} (DAY 1 - AM SESSION) - August 23, 2010 LAIDLAW BERLIN BIOPOWER, LLC

acceptance (1) 33:15 accepted (1) 14:10 access (1) 25:17accommodate (2) 18:15:23:11 according (1) 47:20 accordingly (1) 22:7 accountant (1) 75:18 accurate (2) 74:20;106:8 achieved (1) 87:7 acquiring (1) 57:13 acres (5) 14:19;38:18,21;42:6; 93:5 across (1) 92:21 actively (1) 59:9 activity (3) 43:8,11,13 actual (2) 94:15:101:6 actuality (1) 95:2 actually (20) 49:21:56:24:65:9.11, 24;73:9,18;75:10;77:4; 79:12;80:19;83:21; 92:17:93:14:94:6.9.13: 95:1;96:5;101:21 add (13) 34:9:42:14:52:9:69:9: 70:24;71:1,23;74:6,10, 20,23,23;75:11 added (3) 48:6;75:13;105:10 Addendum (6) 64:17,20;65:4;72:20, 23;81:14 adding (1) 70:22 addition (4) 15:12,23;27:7;47:10 additional (3) 52:10;83:16;104:5 additions (5) 45:17;46:3,18;47:7; 49:8 address (5) 18:11;21:2;24:18; 48:17:54:22 addressed (3) 45:24:53:13:55:5 addressing (1)

64:22 adhere (1) 61:21 adjacent (1) 15:24 adjourn (1) 20:22 adjourned (1) 106:9 Adjudicative (5) 13:12;17:10,21;18:7; 20:19 adjudicatory (1) 13:6 Adjustment (2) 101:8;102:22 administratively (1) 14:11 Administrator (1) 12:3 admit (1) 44:22 adopt (4) 45:16;46:19;48:21; 49:11 adopted (1) 59:15 advantage (2) 27:10:95:5 adversaries' (1) 34:16 advised (2) 17:19:18:5 Adviser (1) 12:22 affect (6) 92:4;96:21;97:16,21, 22.22 affected (1) 92:4 affecting (2) 38:7.7 Affidavits (1) 13:18 affiliate (1) 28:20 affiliations (1) 11:13 affirmatively (1) 77:2 afternoon (2) 22:16;106:13 Again (13) 19:2;20:18;22:9; 24:11;26:3;31:5;33:13; 73:23;80:15;81:8,10,13; 98:22 agencies (2) 11:8,9 agency (2) 11:13:22:5 agenda (3) 13:6:34:9:52:10

aggressive (1) 42:23 ago (1) 26:16 agree (11) 57:3;75:5,7;77:7;86:1, 4;88:2;89:22,23;90:2,21 agreed (8) 24:23;43:2;57:13; 69:21;72:11;74:1,5;77:3 agreement (37) 25:2,3,5;29:9;46:6,11; 47:11,14;50:12,12,20; 51:1,3,5,13;52:4,4;53:2, 5;54:23;55:14,15,24; 56:3,6,23;57:1,2,5; 61:13,17;78:16;79:4,9, 14,15;103:14 agreements (2) 49:22;50:2 ahead (4) 45:1;78:24;101:11; 104:15 Air (3) 12:8;15:17;25:11 Allen (3) 17:9;23:21;27:2 allow (6) 19:20;33:16;35:3; 38:16:70:14.15 allowing (1) 20:16 almost (5) 25:14;39:18;41:23; 76:24;89:8 along (6) 14:24:16:19:19:8; 41:9:85:9:92:1 although (3) 59:14;69:24;86:12 always (1) 70:5 amazed (1) 99:13 amended (4) 63:13;104:21,23; 105:1 Amendment (1) 58:7 American (2) 28:22;29:5 amoebas (1) 95:3 among (1) 52:2 amount (8) 32:10,20;86:8,10; 93:11,20,24;101:17 **Amy (1)** 13:1 analysis (8) 73:11:76:15:90:8,12; 93:8;94:1;95:15;96:15

analyze (1) 91:13 analyzing (1) 40:16 ancient (1) 32:7 Androscoggin (1) 14:24 announce (1) 24:24 announced (1) 46:6 announcement (1) 56:15 answered (1) 99:4 anticipate (1) 50:13 anymore (2) 38:7,17 apologize (2) 75:16:96:6 appearances (2) 18:10;23:15 Appendix (3) 63:17;67:18;82:12 Applicant (22) 13:23:14:1,7:15:3,8, 21,24;17:11;19:8,10,12, 19,23;20:9;21:5;23:15, 18;44:5;53:10;57:12; 60:4:105:12 Applicant's (2) 19:14;34:16 Application (14) 13:7,22,24;14:1,11,12; 17:3;20:22;28:10;34:16; 37:12;45:20;63:15; 82:13 applied (1) 94:23 appointed (2) 14:11;17:8 appreciate (1) 28:13 approach (2) 30:7,24 appropriate (3) 20:20;29:21;52:15 approval (1) 97:24 approved (1) 60:4 approximately (5) 14:18;23:1,2;66:1; 72:10 area (20) 14:23;30:24;37:18,19; 38:16,20;39:2;67:14; 69:19:73:8,13:81:2,15, 19;84:15;93:6,19,21,22, 24 areas (6)

26:24:42:11:93:5.6. 15:95:4 area's (1) 40:8 arguments (1) 20:17 arise (1) 46:2 arm (1) 105:17 around (2) 23:6;77:24 arrangement (1) 56:13 arrived (1) 93:12 Arthur (1) 17:18 ash(1)15:15 aspects (1) 17:5 asserted (1) 21:8assessed (1) 39:14 Assessors (1) 39:11 Assigned (6) 93:9,10:95:11,17; 96:11,14 assignment (1) 93:21 Assistant (3) 12:7,18;17:9 assume (2) 71:24;74:22 assuming (2) 77:8;101:18 assumption (7) 64:1,2,7,14;71:7;75:6; 93:16 attachment (2) 56:24;57:1 attention (4) 27:15;30:13;46:17; 48:20 attesting (1) 13:18 Attorney (23) 17:22;23:10;31:7,22; 33:14,18;34:6,7,14;35:3; 44:16;50:9;54:21;58:19, 21;61:8;77:12;78:7,9; 80:2;99:16,24;103:22 Attorneys (2) 17:10;34:6 attract (1) 30:19 attractive (1) 29:1 attributes (1) 29:17

				· · · · · · · · · · · · · · · · · · ·
August (4)	37:23;77:7	73:13;95:6	60:2,8;61:4,13,17,24;	29:15,21;42:19;47:20;
13:15;21:4;104:21,24	basket (1)	Biddeford (1)	62:3,5,7,10,12,14,16,18,	88:6
authorized (1)	72:10	39:19	22,24;63:6,10,12,16,18,	BURACK (67)
60:6	become (2)	big (3)	24;64:9,13,18;65:7,13,	11:2,14;12:1,4;13:5;
auxillary (2)	13:19;76:6	39:23;40:15;97:9	15,17,19,22;66:4,6,8,11,	18:4,24;21:22;23:20;
15:12,23	becoming (1)	Bill (3)	14,24;67:9,13,24;68:4,6,	24:1,8;26:7;27:16,19;
availability (2)	27:6	12:18;36:10,19	12;69:3,6,8,13,17,23;	31:7;35:11,14;36:3,7,15;
30:14;76:10	bed (3)	bind (1)	70:17,20;72:7,12,15,20,	37:1;41:15;43:23;44:3,
available (18)	15:10;16:16;47:14	60:6	23;73:1,4,6,22;74:4,7,	10,16,24;49:16,18;50:8;
50:14;51:22;69:11;	Beecher (1)	Bing (1)	10,14,18;75:4,10,13,16,	51:20;53:18,22;54:2,5,
73:7,12;76:7,12,16,21,	27:3	26:9	18,22,24;76:2,5,14,23;	10,20;56:16;57:7,22;
22;77:5;80:16;81:1,18;	beepers (1)	bio-fuels (1)	77:2,7;78:15;79:3,6;	58:3,17;60:16;61:7,10;
82:7;83:15;90:15,16	21:16	33:7	80:14,19,22,24;81:10,	64:23;65:3;70:14;77:12,
average (1)	begin (3)	biomass (48)	14,23;82:5,8,20;83:3,10,	19,22;78:6,22;79:23;
101:9	27:14;44:6;45:8	13:9;14:8;15:4;18:18;	12,19;84:6,12;86:3,6,12;	80:1,7;99:16,22,24;
avoid (2) 22:8;35:7	<b>beginning (1)</b> 30:17	27:24;28:5,7,9,23;29:4, 23;30:11,16;31:2;32:7,	87:9,18,23;88:2,8,11,13,	100:5,7,13;103:22; 104:5,14;105:21;106:5
aware (1)	begins (1)	10;34:1;38:19;39:11;	24;89:7,10,16,22;90:1,8, 22;91:1,3,9,12,19,24;	burden (2)
86:7	50:7	40:4,7,20;41:3,5;55:20,	92:3,6,13,16,20,24;	27:4;34:1
away (2)	behalf (6)	20;61:19;63:21;64:2,3;	93:12;95:19,21,24;96:4,	Bureau (2)
42:17;71:20	23:18;24:19;27:24;	68:1;69:11;70:1;85:3,5,	8,13,15,17,22;97:8,18,	12:5;42:5
awful (1)	28:5,8;61:11	9,13,17;88:17;89:1;90:5,	21;98:5,10,13,16,21;	Burgess (2)
39:4	behind (1)	7;94:23;97:4;101:6,7,9,	99:4;100:17,21;101:1,	14:17;26:19
	41:9	10	12,18;102:1,5,8,10,14,	burned (1)
В	believes (1)	<b>BioPower</b> (10)	16,19,24;103:7,12,18;	98:24
	30:6	13:8,23;25:1;26:18;	104:3	Burnham (3)
B&W (3)	Bell (1)	28:11;45:11;58:1;59:2;	break (7)	24:19;26:9,14
47:23;48:5,17	37:22	60:5,10	23:2,3;44:11;77:17,	burning (2)
<b>B&amp;W's</b> (1)	beneficial (1)	bit (2)	20,23;80:9	32:6;33:24
48:12	35:7	18:8;53:2	breaker (1)	business (6)
Babcock (6)	benefit (6)	blend (1)	16:2	28:19;29:23;31:4;
15:9;47:11;50:13;	25:15,16,20,24;43:19;	33:8	breath (1)	37:24;56:13;62:9
51:13;52:4;79:11	48:6	blends (1)	25:11	businesses (2)
back (15)	benefited (1)	40:20	brief (8)	25:16,17
31:16;35:15;37:3,23;	71:10	blocks (1)	18:21;19:5;20:17;	buy (1)
72:7,7,16;73:2;74:8;	Berlin (82)	42:17	23:1;37:3;44:1,11;101:4	98:2
77:24;78:7,8;80:15; 84:3;106:7	13:8,10,16,22;14:7,15, 23;17:13;18:17;19:16,	<b>Board (5)</b> 26:15,15;39:10;48:14;	<b>briefly (2)</b> 13:21;78:14	<b>buys (2)</b> 97:17;98:3
backhauls (1)	20;20:11;24:1,3,5,11,17,	97:8	bring (3)	byproduct (1)
95:7		91.0		
	$1 \times 75 \cdot 1 + 4 \times 1974$	boiler (8)		
hackwoods (1)	18;25:1,1,4,18,19,24; 26:3 18 19:27:1:28:11	<b>boiler (8)</b> 15.9 10 13.47.13 14	30:18;31:4;37:22	89:8
backwoods (1) 39·4	26:3,18,19;27:1;28:11,	15:9,10,13;47:13,14,	30:18;31:4;37:22 bringing (1)	89:8
39:4	26:3,18,19;27:1;28:11, 13;29:14,21,24;30:4,16,	15:9,10,13;47:13,14, 24;48:2,8	30:18;31:4;37:22 bringing (1) 40:15	
39:4 bag (1)	26:3,18,19;27:1;28:11, 13;29:14,21,24;30:4,16, 22,24;32:19;37:6,8,10,	15:9,10,13;47:13,14, 24;48:2,8 book (2)	30:18;31:4;37:22 bringing (1) 40:15 brings (2)	89:8 C
39:4	26:3,18,19;27:1;28:11, 13;29:14,21,24;30:4,16,	15:9,10,13;47:13,14, 24;48:2,8	30:18;31:4;37:22 bringing (1) 40:15	89:8
39:4 bag (1) 45:21	26:3,18,19;27:1;28:11, 13;29:14,21,24;30:4,16, 22,24;32:19;37:6,8,10, 11;38:14;39:2,2,10,10,	15:9,10,13;47:13,14, 24;48:2,8 <b>book (2)</b> 65:1;81:7 <b>border (1)</b> 15:1	30:18;31:4;37:22 <b>bringing (1)</b> 40:15 <b>brings (2)</b> 30:13;48:5	89:8 C calculate (1)
39:4 bag (1) 45:21 bankers (2) 91:6,10 barely (2)	26:3,18,19;27:1;28:11, 13;29:14,21,24;30:4,16, 22,24;32:19;37:6,8,10, 11;38:14;39:2,2,10,10, 13;41:6,19,20,21,22; 42:17;43:3;45:11;54:12; 58:1,21;59:2,10;60:1,5,	15:9,10,13;47:13,14, 24;48:2,8 book (2) 65:1;81:7 border (1) 15:1 both (12)	30:18;31:4;37:22 bringing (1) 40:15 brings (2) 30:13;48:5 broker (1) 46:12 brokers (1)	89:8 C calculate (1) 93:10 calculator (1) 74:7
39:4 bag (1) 45:21 bankers (2) 91:6,10 barely (2) 42:18;76:24	26:3,18,19;27:1;28:11, 13;29:14,21,24;30:4,16, 22,24;32:19;37:6,8,10, 11;38:14;39:2,2,10,10, 13;41:6,19,20,21,22; 42:17;43:3;45:11;54:12; 58:1,21;59:2,10;60:1,5, 9;70:9;71:1,10;76:16;	15:9,10,13;47:13,14, 24;48:2,8 <b>book (2)</b> 65:1;81:7 <b>border (1)</b> 15:1 <b>both (12)</b> 16:8;17:9;37:24;40:5;	30.18;31:4;37:22 bringing (1) 40:15 brings (2) 30:13;48:5 broker (1) 46:12 brokers (1) 71:16	89:8 C calculate (1) 93:10 calculator (1) 74:7 call (5)
39:4 bag (1) 45:21 bankers (2) 91:6,10 barely (2) 42:18;76:24 barriers (1)	$\begin{array}{c} 26:3,18,19;27:1;28:11,\\ 13;29:14,21,24;30:4,16,\\ 22,24;32:19;37:6,8,10,\\ 11;38:14;39:2,2,10,10,\\ 13;41:6,19,20,21,22;\\ 42:17;43:3;45:11;54:12;\\ 58:1,21;59:2,10;60:1,5,\\ 9;70:9;71:1,10;76:16;\\ 83:14;84:15;87:13;\\ \end{array}$	15:9,10,13;47:13,14, 24;48:2,8 <b>book (2)</b> 65:1;81:7 <b>border (1)</b> 15:1 <b>both (12)</b> 16:8;17:9;37:24;40:5; 50:2;51:2;66:11,14,15;	30.18;31:4;37:22 bringing (1) 40:15 brings (2) 30:13;48:5 broker (1) 46:12 brokers (1) 71:16 Brooks (3)	89:8 C calculate (1) 93:10 calculator (1) 74:7 call (5) 26:8;27:23;44:8;
39:4 bag (1) 45:21 bankers (2) 91:6,10 barely (2) 42:18;76:24 barriers (1) 97:6	$\begin{array}{c} 26:3,18,19;27:1;28:11,\\ 13;29:14,21,24;30:4,16,\\ 22,24;32:19;37:6,8,10,\\ 11;38:14;39:2,2,10,10,\\ 13;41:6,19,20,21,22;\\ 42:17;43:3;45:11;54:12;\\ 58:1,21;59:2,10;60:1,5,\\ 9;70:9;71:1,10;76:16;\\ 83:14;84:15;87:13;\\ 97:16,24;98:19,24;\\ \end{array}$	15:9,10,13;47:13,14, 24;48:2,8 <b>book (2)</b> 65:1;81:7 <b>border (1)</b> 15:1 <b>both (12)</b> 16:8;17:9;37:24;40:5; 50:2;51:2;66:11,14,15; 78:15;98:8;99:7	30.18;31:4;37:22 bringing (1) 40:15 brings (2) 30:13;48:5 broker (1) 46:12 brokers (1) 71:16 Brooks (3) 17:9;23:21,21	Selection         C         calculate (1)         93:10         calculator (1)         74:7         call (5)         26:8;27:23;44:8;         46:17;81:11
39:4 bag (1) 45:21 bankers (2) 91:6,10 barely (2) 42:18;76:24 barriers (1) 97:6 Barry (2)	$\begin{array}{c} 26:3,18,19;27:1;28:11,\\ 13;29:14,21,24;30:4,16,\\ 22,24;32:19;37:6,8,10,\\ 11;38:14;39:2,2,10,10,\\ 13;41:6,19,20,21,22;\\ 42:17;43:3;45:11;54:12;\\ 58:1,21;59:2,10;60:1,5,\\ 9;70:9;71:1,10;76:16;\\ 83:14;84:15;87:13;\\ 97:16,24;98:19,24;\\ 100:18;101:12;102:10,\\ \end{array}$	15:9,10,13;47:13,14, 24;48:2,8 <b>book (2)</b> 65:1;81:7 <b>border (1)</b> 15:1 <b>both (12)</b> 16:8;17:9;37:24;40:5; 50:2;51:2;66:11,14,15; 78:15;98:8;99:7 <b>bottom (1)</b>	30.18;31:4;37:22 bringing (1) 40:15 brings (2) 30:13;48:5 broker (1) 46:12 brokers (1) 71:16 Brooks (3) 17:9;23:21,21 bubbling (2)	89:8         C         calculate (1)         93:10         calculator (1)         74:7         call (5)         26:8;27:23;44:8;         46:17;81:11         called (1)
39:4 bag (1) 45:21 bankers (2) 91:6,10 barely (2) 42:18;76:24 barriers (1) 97:6 Barry (2) 17:11;23:17	$\begin{array}{c} 26:3,18,19;27:1;28:11,\\ 13;29:14,21,24;30:4,16,\\ 22,24;32:19;37:6,8,10,\\ 11;38:14;39:2,2,10,10,\\ 13;41:6,19,20,21,22;\\ 42:17;43:3;45:11;54:12;\\ 58:1,21;59:2,10;60:1,5,\\ 9;70:9;71:1,10;76:16;\\ 83:14;84:15;87:13;\\ 97:16,24;98:19,24;\\ 100:18;101:12;102:10,\\ 12;103:2;105:7,13\end{array}$	15:9,10,13;47:13,14, 24;48:2,8 <b>book (2)</b> 65:1;81:7 <b>border (1)</b> 15:1 <b>both (12)</b> 16:8;17:9;37:24;40:5; 50:2;51:2;66:11,14,15; 78:15;98:8;99:7 <b>bottom (1)</b> 67:10	30.18;31:4;37:22 bringing (1) 40:15 brings (2) 30:13;48:5 broker (1) 46:12 brokers (1) 71:16 Brooks (3) 17:9;23:21,21 bubbling (2) 15:10;47:13	89:8         C         calculate (1)         93:10         calculator (1)         74:7         call (5)         26:8;27:23;44:8;         46:17;81:11         called (1)         79:15
39:4 bag (1) 45:21 bankers (2) 91:6,10 barely (2) 42:18;76:24 barriers (1) 97:6 Barry (2) 17:11;23:17 Bartoszek (2)	26:3,18,19;27:1;28:11, 13;29:14,21,24;30:4,16, 22,24;32:19;37:6,8,10, 11;38:14;39:2,2,10,10, 13;41:6,19,20,21,22; 42:17;43:3;45:11;54:12; 58:1,21;59:2,10;60:1,5, 9;70:9;71:1,10;76:16; 83:14;84:15;87:13; 97:16,24;98:19,24; 100:18;101:12;102:10, 12;103:2;105:7,13 <b>Berlin's (1)</b>	15:9,10,13;47:13,14, 24;48:2,8 <b>book (2)</b> 65:1;81:7 <b>border (1)</b> 15:1 <b>both (12)</b> 16:8;17:9;37:24;40:5; 50:2;51:2;66:11,14,15; 78:15;98:8;99:7 <b>bottom (1)</b> 67:10 <b>boundary (1)</b>	30.18;31:4;37:22 bringing (1) 40:15 brings (2) 30:13;48:5 broker (1) 46:12 brokers (1) 71:16 Brooks (3) 17:9;23:21,21 bubbling (2) 15:10;47:13 budget (1)	89:8         C         calculate (1)         93:10         calculator (1)         74:7         call (5)         26:8;27:23;44:8;         46:17;81:11         called (1)         79:15         calling (1)
39:4 bag (1) 45:21 bankers (2) 91:6,10 barely (2) 42:18;76:24 barriers (1) 97:6 Barry (2) 17:11;23:17 Bartoszek (2) 19:13;60:9	26:3,18,19;27:1;28:11, 13;29:14,21,24;30:4,16, 22,24;32:19;37:6,8,10, 11;38:14;39:2,2,10,10, 13;41:6,19,20,21,22; 42:17;43:3;45:11;54:12; 58:1,21;59:2,10;60:1,5, 9;70:9;71:1,10;76:16; 83:14;84:15;87:13; 97:16,24;98:19,24; 100:18;101:12;102:10, 12;103:2;105:7,13 <b>Berlin's (1)</b> 59:17	15:9,10,13;47:13,14, 24;48:2,8 book (2) 65:1;81:7 border (1) 15:1 both (12) 16:8;17:9;37:24;40:5; 50:2;51:2;66:11,14,15; 78:15;98:8;99:7 bottom (1) 67:10 boundary (1) 15:1	30.18;31:4;37:22 bringing (1) 40:15 brings (2) 30:13;48:5 broker (1) 46:12 brokers (1) 71:16 Brooks (3) 17:9;23:21,21 bubbling (2) 15:10;47:13 budget (1) 47:20	89:8         C         calculate (1)         93:10         calculator (1)         74:7         call (5)         26:8;27:23;44:8;         46:17;81:11         called (1)         79:15         calling (1)         48:19
39:4 bag (1) 45:21 bankers (2) 91:6,10 barely (2) 42:18;76:24 barriers (1) 97:6 Barry (2) 17:11;23:17 Bartoszek (2) 19:13;60:9 base (4)	26:3,18,19;27:1;28:11, 13;29:14,21,24;30:4,16, 22,24;32:19;37:6,8,10, 11;38:14;39:2,2,10,10, 13;41:6,19,20,21,22; 42:17;43:3;45:11;54:12; 58:1,21;59:2,10;60:1,5, 9;70:9;71:1,10;76:16; 83:14;84:15;87:13; 97:16,24;98:19,24; 100:18;101:12;102:10, 12;103:2;105:7,13 <b>Berlin's (1)</b> 59:17 <b>best (7)</b>	15:9,10,13;47:13,14, 24;48:2,8 book (2) 65:1;81:7 border (1) 15:1 both (12) 16:8;17:9;37:24;40:5; 50:2;51:2;66:11,14,15; 78:15;98:8;99:7 bottom (1) 67:10 boundary (1) 15:1 branches (9)	30.18;31:4;37:22 bringing (1) 40:15 brings (2) 30:13;48:5 broker (1) 46:12 brokers (1) 71:16 Brooks (3) 17:9;23:21,21 bubbling (2) 15:10;47:13 budget (1) 47:20 buffers (3)	89:8         C         calculate (1)         93:10         calculator (1)         74:7         call (5)         26:8;27:23;44:8;         46:17;81:11         called (1)         79:15         calling (1)         48:19         came (4)
39:4 bag (1) 45:21 bankers (2) 91:6,10 barely (2) 42:18;76:24 barriers (1) 97:6 Barry (2) 17:11;23:17 Bartoszek (2) 19:13;60:9 base (4) 40:9,10;42:1;96:1	26:3,18,19;27:1;28:11, 13;29:14,21,24;30:4,16, 22,24;32:19;37:6,8,10, 11;38:14;39:2,2,10,10, 13;41:6,19,20,21,22; 42:17;43:3;45:11;54:12; 58:1,21;59:2,10;60:1,5, 9;70:9;71:1,10;76:16; 83:14;84:15;87:13; 97:16,24;98:19,24; 100:18;101:12;102:10, 12;103:2;105:7,13 <b>Berlin's (1)</b> 59:17 <b>best (7)</b> 23:11;25:23;33:20;	15:9,10,13;47:13,14, 24;48:2,8 book (2) 65:1;81:7 border (1) 15:1 both (12) 16:8;17:9;37:24;40:5; 50:2;51:2;66:11,14,15; 78:15;98:8;99:7 bottom (1) 67:10 boundary (1) 15:1 branches (9) 67:17;84:21;85:2,12,	30.18;31:4;37:22 bringing (1) 40:15 brings (2) 30:13;48:5 broker (1) 46:12 brokers (1) 71:16 Brooks (3) 17:9;23:21,21 bubbling (2) 15:10;47:13 budget (1) 47:20 buffers (3) 39:2;41:9,13	89:8         C         calculate (1)         93:10         calculator (1)         74:7         call (5)         26:8;27:23;44:8;         46:17;81:11         called (1)         79:15         calling (1)         48:19         came (4)         70:8;73:21;87:3;95:10
39:4 bag (1) 45:21 bankers (2) 91:6,10 barely (2) 42:18;76:24 barriers (1) 97:6 Barry (2) 17:11;23:17 Bartoszek (2) 19:13;60:9 base (4) 40:9,10;42:1;96:1 based (11)	26:3,18,19;27:1;28:11, 13;29:14,21,24;30:4,16, 22,24;32:19;37:6,8,10, 11;38:14;39:2,2,10,10, 13;41:6,19,20,21,22; 42:17;43:3;45:11;54:12; 58:1,21;59:2,10;60:1,5, 9;70:9;71:1,10;76:16; 83:14;84:15;87:13; 97:16,24;98:19,24; 100:18;101:12;102:10, 12;103:2;105:7,13 <b>Berlin's (1)</b> 59:17 <b>best (7)</b> 23:11;25:23;33:20; 34:3;37:8;64:14;95:10	15:9,10,13;47:13,14, 24;48:2,8 <b>book (2)</b> 65:1;81:7 <b>border (1)</b> 15:1 <b>both (12)</b> 16:8;17:9;37:24;40:5; 50:2;51:2;66:11,14,15; 78:15;98:8;99:7 <b>bottom (1)</b> 67:10 <b>boundary (1)</b> 15:1 <b>branches (9)</b> 67:17;84:21;85:2,12, 21;88:16,20;89:4,5	30.18;31:4;37:22 bringing (1) 40:15 brings (2) 30:13;48:5 broker (1) 46:12 brokers (1) 71:16 Brooks (3) 17:9;23:21,21 bubbling (2) 15:10;47:13 budget (1) 47:20 buffers (3) 39:2;41:9,13 build (2)	89:8         C         calculate (1)         93:10         calculator (1)         74:7         call (5)         26:8;27:23;44:8;         46:17;81:11         called (1)         79:15         calling (1)         48:19         came (4)         70:8;73:21;87:3;95:10         can (70)
39:4 bag (1) 45:21 bankers (2) 91:6,10 barely (2) 42:18;76:24 barriers (1) 97:6 Barry (2) 17:11;23:17 Bartoszek (2) 19:13;60:9 base (4) 40:9,10;42:1;96:1 based (11) 75:3;86:2,5;91:16;	26:3,18,19;27:1;28:11, 13;29:14,21,24;30:4,16, 22,24;32:19;37:6,8,10, 11;38:14;39:2,2,10,10, 13;41:6,19,20,21,22; 42:17;43:3;45:11;54:12; 58:1,21;59:2,10;60:1,5, 9;70:9;71:1,10;76:16; 83:14;84:15;87:13; 97:16,24;98:19,24; 100:18;101:12;102:10, 12;103:2;105:7,13 <b>Berlin's (1)</b> 59:17 <b>best (7)</b> 23:11;25:23;33:20; 34:3;37:8;64:14;95:10 <b>Bethlehem (1)</b>	15:9,10,13;47:13,14, 24;48:2,8 book (2) 65:1;81:7 border (1) 15:1 both (12) 16:8;17:9;37:24;40:5; 50:2;51:2;66:11,14,15; 78:15;98:8;99:7 bottom (1) 67:10 boundary (1) 15:1 branches (9) 67:17;84:21;85:2,12, 21;88:16,20;89:4,5 Bravakis (193)	30.18;31:4;37:22 bringing (1) 40:15 brings (2) 30:13;48:5 broker (1) 46:12 brokers (1) 71:16 Brooks (3) 17:9;23:21,21 bubbling (2) 15:10;47:13 budget (1) 47:20 buffers (3) 39:2;41:9,13 build (2) 42:8;90:18	89:8         C         calculate (1)         93:10         calculator (1)         74:7         call (5)         26:8;27:23;44:8;         46:17;81:11         called (1)         79:15         calling (1)         48:19         came (4)         70:8;73:21;87:3;95:10         can (70)         22:22;23:11;26:13,13;
39:4 bag (1) 45:21 bankers (2) 91:6,10 barely (2) 42:18;76:24 barriers (1) 97:6 Barry (2) 17:11;23:17 Bartoszek (2) 19:13;60:9 base (4) 40:9,10;42:1;96:1 based (11) 75:3;86:2,5;91:16; 93:7,23;94:14,24;	26:3,18,19;27:1;28:11, 13;29:14,21,24;30:4,16, 22,24;32:19;37:6,8,10, 11;38:14;39:2,2,10,10, 13;41:6,19,20,21,22; 42:17;43:3;45:11;54:12; 58:1,21;59:2,10;60:1,5, 9;70:9;71:1,10;76:16; 83:14;84:15;87:13; 97:16,24;98:19,24; 100:18;101:12;102:10, 12;103:2;105:7,13 Berlin's (1) 59:17 best (7) 23:11;25:23;33:20; 34:3;37:8;64:14;95:10 Bethlehem (1) 40:5	15:9,10,13;47:13,14, 24;48:2,8 <b>book (2)</b> 65:1;81:7 <b>border (1)</b> 15:1 <b>both (12)</b> 16:8;17:9;37:24;40:5; 50:2;51:2;66:11,14,15; 78:15;98:8;99:7 <b>bottom (1)</b> 67:10 <b>boundary (1)</b> 15:1 <b>branches (9)</b> 67:17;84:21;85:2,12, 21;88:16,20;89:4,5 <b>Bravakis (193)</b> 19:11;44:8,12;45:3,8,	30.18;31:4;37:22 bringing (1) 40:15 brings (2) 30:13;48:5 broker (1) 46:12 brokers (1) 71:16 Brooks (3) 17:9;23:21,21 bubbling (2) 15:10;47:13 budget (1) 47:20 buffers (3) 39:2;41:9,13 build (2) 42:8;90:18 building (1)	89:8         C         calculate (1)         93:10         calculator (1)         74:7         call (5)         26:8;27:23;44:8;         46:17;81:11         called (1)         79:15         calling (1)         48:19         came (4)         70:8;73:21;87:3;95:10         can (70)         22:22;23:11;26:13,13;         27:14,18;30:14,18,22;
39:4 bag (1) 45:21 bankers (2) 91:6,10 barely (2) 42:18;76:24 barriers (1) 97:6 Barry (2) 17:11;23:17 Bartoszek (2) 19:13;60:9 base (4) 40:9,10;42:1;96:1 based (11) 75:3;86:2,5;91:16; 93:7,23;94:14,24; 102:17,23;103:24	26:3,18,19;27:1;28:11, 13;29:14,21,24;30:4,16, 22,24;32:19;37:6,8,10, 11;38:14;39:2,2,10,10, 13;41:6,19,20,21,22; 42:17;43:3;45:11;54:12; 58:1,21;59:2,10;60:1,5, 9;70:9;71:1,10;76:16; 83:14;84:15;87:13; 97:16,24;98:19,24; 100:18;101:12;102:10, 12;103:2;105:7,13 Berlin's (1) 59:17 best (7) 23:11;25:23;33:20; 34:3;37:8;64:14;95:10 Bethlehem (1) 40:5 better (4)	15:9,10,13;47:13,14, 24;48:2,8 <b>book (2)</b> 65:1;81:7 <b>border (1)</b> 15:1 <b>both (12)</b> 16:8;17:9;37:24;40:5; 50:2;51:2;66:11,14,15; 78:15;98:8;99:7 <b>bottom (1)</b> 67:10 <b>boundary (1)</b> 15:1 <b>branches (9)</b> 67:17;84:21;85:2,12, 21;88:16,20;89:4,5 <b>Bravakis (193)</b> 19:11;44:8,12;45:3,8, 8,10,10,15,19;46:1,5,15,	30.18;31:4;37:22 bringing (1) 40:15 brings (2) 30:13;48:5 broker (1) 46:12 brokers (1) 71:16 Brooks (3) 17:9;23:21,21 bubbling (2) 15:10;47:13 budget (1) 47:20 buffers (3) 39:2;41:9,13 build (2) 42:8;90:18 building (1) 16:1	Relation         C         calculate (1)         93:10         calculator (1)         74:7         call (5)         26:8;27:23;44:8;         46:17;81:11         called (1)         79:15         calling (1)         48:19         came (4)         70:8;73:21;87:3;95:10         can (70)         22:22;23:11;26:13,13;         27:14,18;30:14,18,22;         32:21;33:4,9;34:18;
39:4 bag (1) 45:21 bankers (2) 91:6,10 barely (2) 42:18;76:24 barriers (1) 97:6 Barry (2) 17:11;23:17 Bartoszek (2) 19:13;60:9 base (4) 40:9,10;42:1;96:1 based (11) 75:3;86:2,5;91:16; 93:7,23;94:14,24; 102:17,23;103:24 baseline (1)	26:3,18,19;27:1;28:11, 13;29:14,21,24;30:4,16, 22,24;32:19;37:6,8,10, 11;38:14;39:2,2,10,10, 13;41:6,19,20,21,22; 42:17;43:3;45:11;54:12; 58:1,21;59:2,10;60:1,5, 9;70:9;71:1,10;76:16; 83:14;84:15;87:13; 97:16,24;98:19,24; 100:18;101:12;102:10, 12;103:2;105:7,13 Berlin's (1) 59:17 best (7) 23:11;25:23;33:20; 34:3;37:8;64:14;95:10 Bethlehem (1) 40:5 better (4) 26:13;87:4,5;103:5	15:9,10,13;47:13,14, 24;48:2,8 <b>book (2)</b> 65:1;81:7 <b>border (1)</b> 15:1 <b>both (12)</b> 16:8;17:9;37:24;40:5; 50:2;51:2;66:11,14,15; 78:15;98:8;99:7 <b>bottom (1)</b> 67:10 <b>boundary (1)</b> 15:1 <b>branches (9)</b> 67:17;84:21;85:2,12, 21;88:16,20;89:4,5 <b>Bravakis (193)</b> 19:11;44:8,12;45:3,8, 8,10,10,15,19;46:1,5,15, 21;51:4;53:20,24;54:3,	30.18;31:4;37:22 bringing (1) 40:15 brings (2) 30:13;48:5 broker (1) 46:12 brokers (1) 71:16 Brooks (3) 17:9;23:21,21 bubbling (2) 15:10;47:13 budget (1) 47:20 buffers (3) 39:2;41:9,13 build (2) 42:8;90:18 building (1) 16:1 buildings (1)	89:8           C           calculate (1)           93:10           calculator (1)           74:7           call (5)           26:8;27:23;44:8;           46:17;81:11           called (1)           79:15           calling (1)           48:19           came (4)           70:8;73:21;87:3;95:10           can (70)           22:22;23:11;26:13,13;           27:14,18;30:14,18,22;           32:21;33:4,9;34:18;           36:10;38:6;40:19;41:3,
39:4 bag (1) 45:21 bankers (2) 91:6,10 barely (2) 42:18;76:24 barriers (1) 97:6 Barry (2) 17:11;23:17 Bartoszek (2) 19:13;60:9 base (4) 40:9,10;42:1;96:1 based (11) 75:3;86:2,5;91:16; 93:7,23;94:14,24; 102:17,23;103:24	26:3,18,19;27:1;28:11, 13;29:14,21,24;30:4,16, 22,24;32:19;37:6,8,10, 11;38:14;39:2,2,10,10, 13;41:6,19,20,21,22; 42:17;43:3;45:11;54:12; 58:1,21;59:2,10;60:1,5, 9;70:9;71:1,10;76:16; 83:14;84:15;87:13; 97:16,24;98:19,24; 100:18;101:12;102:10, 12;103:2;105:7,13 Berlin's (1) 59:17 best (7) 23:11;25:23;33:20; 34:3;37:8;64:14;95:10 Bethlehem (1) 40:5 better (4)	15:9,10,13;47:13,14, 24;48:2,8 <b>book (2)</b> 65:1;81:7 <b>border (1)</b> 15:1 <b>both (12)</b> 16:8;17:9;37:24;40:5; 50:2;51:2;66:11,14,15; 78:15;98:8;99:7 <b>bottom (1)</b> 67:10 <b>boundary (1)</b> 15:1 <b>branches (9)</b> 67:17;84:21;85:2,12, 21;88:16,20;89:4,5 <b>Bravakis (193)</b> 19:11;44:8,12;45:3,8, 8,10,10,15,19;46:1,5,15,	30.18;31:4;37:22 bringing (1) 40:15 brings (2) 30:13;48:5 broker (1) 46:12 brokers (1) 71:16 Brooks (3) 17:9;23:21,21 bubbling (2) 15:10;47:13 budget (1) 47:20 buffers (3) 39:2;41:9,13 build (2) 42:8;90:18 building (1) 16:1	Relation         C         calculate (1)         93:10         calculator (1)         74:7         call (5)         26:8;27:23;44:8;         46:17;81:11         called (1)         79:15         calling (1)         48:19         came (4)         70:8;73:21;87:3;95:10         can (70)         22:22;23:11;26:13,13;         27:14,18;30:14,18,22;         32:21;33:4,9;34:18;

24;63:18;64:14;65:4;	24;21:22;23
67:20;68:6,14,22;69:9;	15;26:7,11,1
73:19;74:5,10,11,12,23,	28:1;31:7;3
23;75:24;80:5;81:11,12;	36:3,7,15;3
82:23;84:4;85:8;87:16,	43:23;44:3
18;88:9;93:14;94:3;	49:14,16,1
97:2,8,9;98:21;99:11,22;	51:20;53:1,1
101:4;103:11,17,19;	10,20;56:16
104:15;105:24;106:2,2,5	58:3,17;60:
Canada (1)	64:21,23;65
40:15	18;77:12,19
cancers (1)	79:23;80:1
41:4	99:3,16,22,
capability (1)	12,13;103:2
50:5	105:21;10
capable (3)	chance (1)
14:9;15:5;55:23	52:11
capacity (5)	change (2)
11:16;24:17;26:3;	34:21;45:1
59:5,8	changes (7)
capital (1)	38:15;45:1
25:17	47:7;48:19
carefully (1)	Chapter (2)
38:12	31:21,24
Carl (5)	characterist
19:11;44:12;45:4; 46:24;76:2	61:19 characterize
Carmona (1)	79:6
28:6	check (3)
carried (1)	75:20,21;1
48:9	Chief (1)
case (4)	47:1
19:19;20:3;44:6;48:21	chip (5)
catalytic (1)	84:24;85:8
15:20	chippers (1)
catch (1)	85:19
35:17	chipping (2)
cautioned (1)	15:15;85:2
44:14	chips (5)
cellphones (1)	15:7,11;32
21:16	34:21
center (2)	choose (1)
37:16,20	52:14
CEO (2)	Chris (1)
28:6;60:9	12:16
certain (5)	circle (1)
52:20;61:18,19;93:16,	93:17
17	circles (1)
certainly (10)	95:3
21:12;50:3,22;51:6,	circulation (
23;52:6;90:23;91:17,21;	13:15,17
101:3 Contificate (0)	<b>cities (1)</b> 39:19
<b>Certificate (9)</b> 13:8,24;14:3,4;24:24;	citizen (1)
27:13;28:11;43:21;	41:19
59:16	citizen/devel
cetera (1)	25:7
92:22	citizens (4)
Chair (9)	25:10;33:2
11:16,18;23:16;39:10;	City (35)
44:7,18;54:9;60:12;61:6	17:13;19:1
CHAIRMAN (82)	11;24:1,3,5
11:2;12:1,4;13:5;18:4,	3,6,9,11,19,2
	-,-,-,-,-,-/,4

24;21:22;23:20;24:1,8, 32:18:39:24:42:15.23: 5:26:7.11.14:27:16.19: 43:2.5.14.15.18:46:6: 28:1:31:7:35:10.11.14; 54:11:58:20:59:10.16; 36:3,7,15;37:1;41:15; 60:1 Citv's (4) 43:23:44:3,10,16,24; 19:21;39:18;40:2;43:5 49:14,16,17,18;50:8; 1:20;53:1,18,22;54:2,5, Claremont (1) 0,20;56:16;57:7,20,22; 39:20 58:3,17;60:16;61:7,10; clarification (4) 54:21,23;65:3;70:10,14, 58:5:78:10:99:4.21 clarified (1) 8;77:12,19,22;78:6,22; 99:8 79:23:80:1.7.11:92:8; 99:3,16,22,24;100:5,7, clarify (6) 2,13;103:22;104:5,14; 56:19;57:23;78:17; 105:21;106:5 79:3,11;99:22 clarifying (1) 103:5 clause (4) 34:21;45:19 102:7,17;103:5,10 clean (19) 15:7;17:14;19:16,24; 38:15:45:17:46:18; 47:7;48:19;49:8;52:3 20:4,5;24:7;28:24; 29:14;30:16;32:17,20; 33:6,22;36:22;40:20; aracteristic (1) 61:11,19;94:22 clear (7) 34:19;55:4;57:7;65:3; aracterize (1) 73:19:75:8:78:19 clearing (1) 75:20,21;104:15 103:5 clearly (1) 22:21 clock (1) 84:24;85:8,22,24,24 106:6 ppers (1) close (12) 20:18;37:11;39:14; 42:16;44:4;46:10;50:15; pping (2) 15:15;85:22 51:7;66:5;76:4;79:7; 106:8 15:7.11:32:15.19; closed (1) 52:15 closely (1) 43:5 closing (2) 20:17;40:24 closure (1) 40:9 closures (1) 27:1culation (2) Club (4) 17:17,20,24;18:2 clumsy (1) 65:2 CMSR (4) 13:1;26:11;27:18; 52:24 izen/developer (1) CO2(1) 32:24 25:10;33:21;34:3;35:8 colleague (1) 60:8 17:13:19:15.20:20:3. colleagues (2) 1;24:1,3,5,10,22;25:1, 23:19:103:15 ,6,9,11,19,21,24;26:3,5; collectors (1)

40:4column (3) 95:15,15,17 columns (1) 92:22 combination (1) 67:2 combined (1) 29:6 comfortable (2) 21:24;97:12 coming (4) 50:19;91:21;96:9;97:8 comment (6) 18:15;21:13;24:9; 37:4;44:1,4 comments (9) 18:19,21;19:5;20:18; 22:11;26:1;28:10,14; 31:6 **Commission** (1) 12:23 **Commissioner** (5) 11:14;13:2;24:17; 26:8;52:23 commissioners (6) 11:7;17:16;18:6,18; 26:9,15 commissioning (1) 47:16 committed (3) 28:21:29:14:30:21 Committee (35) 11:5,5,17,20;13:4,19; 14:2,3;20:21;24:16; 26:12;28:2;31:22;33:17; 35:2:37:10:38:11:39:1: 41:12;42:4;43:20;50:1, 14;51:7,17;52:14;53:8, 10;55:13;68:15;74:23; 78:21;93:1;99:5;101:2 Committee's (3) 30:13;51:10;54:8 communications (1) 22:8 **Community (6)** 14:22;16:15;25:12,20; 29:3;42:2 companies (1) 91:16 Company (12) 16:5;28:9,16;29:22; 32:4;47:13,24;53:16; 55:23,23;58:10,10 compared (2) 32:23;33:7 competition (1) 95:5 competitive (2) 87:7.10 complete (1) 14:11 completed (3)

20:14:26:20:75:2 completely (3) 37:19;70:11;99:20 complicated (4) 93:14;95:8;96:22;97:1 comprising (1) 14:19 concern (1) 41:8 concerned (3) 25:12;30:3;39:7 concerns (3) 22:11;23:8;54:6 conclude (1) 48:12 Conclusion (5) 65:21;72:7;77:8; 81:14;97:19 conclusions (1) 83:13 condition (11) 24:23;50:17,21,23; 51:1;54:15;56:11;58:1; 60:20:61:1.2 conditions (6) 58:8;59:16,24;60:7; 61:16;91:23 conduct (2) 21:10;90:12 conducted (1) 82:24 conductors (1) 16:21 confer (1) 103:15 **Conference** (4) 13:12;34:7;44:20; 54:14 confidential (5) 51:9:52:7,17,20:99:8 confidentiality (1) 51:19 confirm (2) 57:23;100:13 conflict (1) 66:17 connected (2) 16:4;71:19 connection (2) 101:14;102:16 **Conservation** (2) 37:22:42:10 consider (4) 20:16,21;30:23,24 considered (1) 51:9 consist (1) 15:13 consisting (1) 16:1 constant (5) 63:22,23;64:5,8,16 constraints (1)

**STEVEN E. PATNAUDE, LCR NO. 52** 

34:10 construct (4) conversatio 14:5,8:15:24:28:12 construction (8) conversion 26:17;29:13;43:18; 47:16,24;79:18;105:7,13 convert (3) **Consultants** (5) 18:13;21:3,7;31:20; cooler (1) 85:15 consulted (1) cooling (1) 92:3 consume (3) Coos (21) 74:2;100:18,19 consumed (5) 70:1;96:20;98:19,20, 24 consumption (21) 64:13;65:24;67:20,22; copies (1) 68:8,9;69:15;70:8,12; 71:8;72:9;73:13;74:21; copy (2) 75:1;76:9;89:12,17; 90:17;93:3;95:16;97:15 corporate ( contact (3) 39:19;47:19;83:3 Corporatio contain (1) correctly (. 50:22 contained (1) 53:5 corridor (2 contains (2) 14:18:17:3 cost (6) contaminants (1) 43:7 contamination (1) Council (6) 43:4 contemplating (1) 55:15 Counsel (2 contend (3) 33:24:34:11.14 content (3) 68:2,5:69:7 continue (4) 68:22;70:16;78:8;80:2 counterpar continues (1) 30:18 countries ( continuity (1) 48:10 Country (7 contract (13) 58:9;78:17;79:11,16, 17,19,22;100:23;102:9, countrysid 21;103:6,11;105:11 contractor (4) County (21 85:5,22;88:14,19 contractors (2) 85:18;87:14 contracts (1) 48:4county's (2 contribute (1) 48:13 control (1) couple (1) 15:17 convened (1) course (5) 13:11 conversant (1)

		,
99:21	court (4)	
onversation (1)	22:17;36:9;44:14;	Da
38:3	82:15	ν.
onversion (2)	courts (1)	
48:2,11	33:19	da
onvert (3)	Cousineau (18)	ua
15:3,8;47:13	55:16,17;58:11,13;	da
		ua
ooler (1)	61:13,16,21;62:1,20;	
22:2	63:1;78:16;79:5;94:11;	da
ooling (1)	96:8;98:2,5,7;102:6	
15:17	cover (2)	da
Coos (21)	65:11;106:14	
13:10,17;14:7,22;	CPD (11)	da
16:12,15;17:16;18:6,17;	29:9,10,11,24;30:20;	
24:17,20;25:15;26:9,15,	90:23;91:3,4,5,10,17	da
23,24;27:10,15;37:8;	<b>CPD's</b> (1)	
40:10,17	103:18	
opies (1)	Craig (1)	da
50:14	12:7	
ору (2)	create (5)	de
27:17;31:8	25:14;30:8;41:4;	
orporate (1)	87:19;88:21	de
25:6	created (2)	ut
Corporation (2)	38:15;41:24	de
		ae
28:9,15	creation (1)	4.
orrectly (3)	31:1	de
36:6;66:2,3	credits (3)	-
orridor (2)	25:15;43:16,19	De
16:10;38:14	critical (1)	
ost (6)	25:10	de
87:21,24;99:1;101:6,	cross (1)	
9;102:3	80:8	de
Council (6)	cross-country (3)	
25:21;82:4,23;83:4,8;	37:15,16,20	de
84:1	cross-examination (24)	
Counsel (22)	19:15,16,17,23,23,24;	de
13:4;17:8;19:17;20:1,	20:9,9,10,11;49:15;50:7;	
10,12,12;22:12;23:21,	51:23;52:12;53:6;58:20,	de
24;24:2,5;44:5;50:8,19;	23;61:6;78:9;80:3,12;	
53:19;54:12;59:9;60:1,	103:21,24;104:16	de
4;61:7;105:24	cross-examine (4)	
ounterpart (1)	49:20;53:7;55:8;61:10	de
24:19	Cultural (1)	ut
ountries (3)	12:12	de
28:17,19;30:12		ue
	Cunningham (2)	do
Country (7)	17:18,23	de
82:4,22;83:4,7;84:1;	cups (1)	
90:4,20	22:2	de
ountryside (1)	current (8)	-
40:21	63:21;64:2,3,13;68:8;	de
County (21)	73:13,17;88:4	
13:10,17;14:7;16:13;	currently (3)	de
17:16;18:6,17;24:17,20;	37:24;67:7;98:3	
25:15;26:9,15,23,24;	Curt (1)	
27:4,8,10,15;37:8;39:24;	94:10	de
40:3	cut (3)	
ounty's (2)	71:4;89:5;95:22	de
27:7;40:10	cutting (2)	
ouple (1)	42:9;88:15	de
46:5	·	
ourse (5)	D	de
31:6;46:14;48:16;		
50:24;57:4	Daily (1)	
		1

13:16 ammon (5) 19:11:44:13:45:5; 49:1:76:2 ark (2) 41:11;53:2 ash (1) 36:11 ata (6) 66:10,11,21;67:2,2,11 ate (2) 65:8:104:1 ated (1) 65:11 ay (7) 23:6;32:17;38:2;52:6; 55:11;106:11,13 ays (2) 20:16;23:9 eal (2) 42:24;92:2 ealing (2) 51:10;104:3 ecades (1) 40:5 ecay (2) 42:23,24 ecember (3) 13:22;63:13,14 ecentralized (1) 30:7 ecide (1) 20:22 ecision (2) 37:11:38:11 ecision-makers (1) 22:7 eclaration (1) 31:21 eep (1) 85:16 efer (2) 60:19;82:18 efined (1) 61:20 efining (1) 87:9 efinitely (2) 43:16;71:23 egrees (1) 33:9 elay (5) 27:14;34:17,20;35:6; 43:21 eliberation (2) 20:24;21:1 eliberative (1) 20:20 elivered (1) 30:14 emand (6) 63:21;64:2,3;69:19; 71:8.17

demonstrated (1) 73:10 denied (1) 34:5 denying (1) 21:6 **Department** (7) 11:15,23;12:8,12,15, 19;75:15 depend (1) 90:8 depending (4) 73:10;81:3,20;82:1 deploy (1) 87:14 describe (2) 13:21;95:2 described (3) 18:1;79:21;86:16 describing (1) 57:9 design (7) 29:6;34:18,19;47:16; 48:7;105:6,12 designated (4) 11:8,17;59:5;106:14 designating (1) 52:20 designation (1) 14:14 desire (1) 29:20 desires (1) 29:17 desperately (1) 43:14 detail (2) 17:5;55:3 detailed (1) 57:14 details (2) 66:19:101:3 determination (2) 80:5;90:9 determine (3) 55:1;91:3;95:17 devastated (2) 26:24;27:14 devastation (3) 37:13,14;38:23 develop (2) 15:4:57:14 developed (3) 29:10;46:16;57:19 developer (2) 25:10;36:20 **Development (17)** 11:24;17:15;19:16,24; 20:4,5;24:7;25:13;29:1; 30:8,17,23;33:22;45:11; 59:2;61:11;105:12 Devent (2) 16:20,21

devoid (1) 84:20 diameter (1) 16:10 diesel (5) 15:12,22;32:17;33:6,8 difference (2) 30:21:101:5 different (3) 94:3,9;101:21 differently (1) 71:5 difficult (1) 97:23 dig (1) 63:19 diminish (1) 97:9 **DIR** (2) 12:10,14 **DIRECT (5)** 45:6;50:9;63:4;79:1; 83:3 directed (1) 22:12 direction (1) 40:7 directly (4) 26:21;33:9;83:4;84:22 **Director** (4) 12:8,10,15,19 directors (1) 11:7disclosable (1) 53:6 discovered (1) 36:13 discuss (3) 21:14;50:23;78:13 discussed (5) 67:1;73:6;78:12; 80:24;81:16 discussion (1) 67:19 discussions (5) 50:19;52:2;62:13,15, 19 distance (2) 42:21;88:18 distracted (1) 83:18 **Division** (3) 12:9,11,15 Docket (2) 13:7,20 document (6) 18:1;52:3;54:16;55:1; 79:12,13 documents (9) 49:22:50:6:52:12,17, 20,21;78:12,18,20 dollars (3) 40:14;101:6,9

**Don** (2) 11:23:12:1 done (4) 21:19;38:1;73:17; 75:15 77:17 door (3) 27:1422:2;38:22;40:16 edges (1) double (3) 40:22 75:20;96:11,14 Doug (1) 28:2 effect (2) **Douglas** (1) 27:23 down (9) 25:9,9;33:9;71:2,11; 84:19;92:9;94:10,17 32:3,12 Downs (1) efficient (1) 17:14 29:5 effort (5) downward (2) 40:7;97:23 **DR** (3) 11:23;12:3,5 either (2) draft (6) 51:14;57:16;59:24; 61:2;79:6,8 46:13 draw (3) 93:5,22,24 46:9 drawings (1) electric (3) 17:4draws (2) 93:16:94:17 32:17 drive (2) 83:14:84:4 21:17 dual (1) 24:16 due (4) element (1) 47:22 37:17:66:17:91:9; 103:7 dulv(2)17:8:44:14 during (7) 42:11 29:13;31:6;35:5; 46:13;48:16;50:24;57:4 32:6 duties (1) 33:14 12:10 dynamic (2) else (4) 95:8;97:1 dynamics (1) 106:5 94:4 E Emilio (1) 28:6 earlier (3) 59:11;78:12;82:2 easement (2) 16:19;42:11 33:13 employ (1) easier (1) 64:23 26:21 East (3) 16:4,21,22 28:16 economic (6) 30:9,21,23;31:1; 14:18 39:24;43:13

economically (2) 33:11:34:1 **Economics** (1) economy (1) **EDWARDS (4)** 37:5,6;41:16;42:3 30:5:103:10 efficiencies (2) 71:18:95:6 Efficiency (2) 29:5;55:9;63:24; 79:20:87:19 84:21:85:18 elaborate (1) elaborated (1) 14:10;15:6;40:14 electricity (1) electronic (1) electrostatic (2) 15:19:45:22 elements (2) 50:21:51:9 elevation (1) eliminate (1) Elizabeth (1) 68:18;89:20;90:6; elsewhere (2) 29:16;71:4 emissions (4) 32:23,24;33:1,2 emphasize (1) employees (1) encompasses (1) encourage (6)

30:19:37:9:38:10; 39:1.19:40:3 encouraged (1) 55:24 end (17) 16:16,17;18:16;43:17, 18;52:6;55:11;76:21,22; 77:6;81:11;83:24;84:13; 86:1,4;89:18,20 Energy (14) 12:17;13:9;14:5;15:4; 28:12,19,22,23;30:1; 32:8,20;40:18;49:2;97:4 engineer (2) 12:23:75:19 engineering (1) 79:17 England (2) 46:12;94:12 enough (8) 22:21,21;32:18;53:9; 77:5;84:2;89:15;91:6 ensure (1) 47:19 enter (1) 60:6 entered (4) 28:22;29:8;47:10,14 entire (2) 37:19:46:12 entity (3) 21:11;82:22;90:11 entry (1) 97:6 enumerate (1) 69:17 enumerated (2) 56:6:96:5 enumeration (1) 66:18 **Environmental (6)** 11:15;12:8,15;33:6; 34:4;75:19 environmentally (1) 29:2 **EPC** (4) 48:3;79:10,17,22 equipment (2) 21:17;87:15 Esquire (3) 17:15,18:27:23 **ESS**(1) 49:2 essential (1) 48:10 established (2) 11:6;68:8 estate (4) 39:3,10,21;40:3 estimate (7) 67:6,13;73:7,11;81:1, 17:95:10 estimated (2)

16:24;17:1 et (1) 92:22 Ethan (1) 27:2 **Evaluation** (7) 11:4,17;14:2;33:14. 16:37:10:74:22 even (2) 38:19:73:18 event (1) 56:14 everybody (2) 50:1;106:5 everyone (2) 27:8;41:4 evidence (2) 20:14;34:24 evidentiary (3) 19:6,7;20:19 evolution (1) 96:10 evolve (1) 96:23 ex (1) 22:8 exact (1) 59:20 exactly (2) 76:24;89:10 examination (4) 19:14:20:7:45:6:79:1 examined (1) 19:22 example (3) 90:5;93:23;94:16 exceeded (1) 93:20 exception (2) 18:5:34:22 excess (1) 69:11 Exchange (1) 48:1 exchanged (1) 44:20 exclusive (1) 29:8 excuse (3) 32:14;35:13;53:10 executed (2) 48:1;79:19 exercise (1) 64:10 Exhibit (38) 17:24;18:2;31:9; 46:17;49:4;50:18;51:24; 54:13,14,18;56:23;57:9, 23,24;59:17;61:1;63:3, 4:65:4,5,6:68:10,11,11; 72:16,19,20,22;80:15, 18,20;81:6;92:11,13; 100:3,5;104:19,20

			,	
exhibits (12)	30:13;37:17;38:1,5,	12:23	15:18	45:12;47:3;49:4
19:9,21;20:5;44:21,	18;41:24;43:2;50:10;	Final (5)	fluidized (1)	fuel (29)
22;45:12;47:3;48:20;	84:23;99:10;103:3	13:11;51:14,14;79:16;	15:10	15:8,11,12,22,23;
		105:6		
49:24;57:17;68:16;	factor (3)		focus (1)	25:18;30:2,3,9,14;32:17;
100:15	32:24;33:1,3	finalized (2)	69:2	36:22;41:2;46:8,11,12;
exist (1)	factored (1)	26:4;60:3	focusing (1)	50:12;56:8;57:14;61:18,
87:6	56:23	finalizing (6)	89:20	20,22;90:21;94:15;97:5;
existing (18)	factories (1)	46:7,10;55:16;56:1,	folks (7)	101:6,7,9,10
14:18;15:9,22;16:4,	91:17	10;79:7	21:18;22:20;42:20;	fueled (3)
10,19;32:5;67:20,22;	Fahrenheit (1)	finally (3)	44:11;85:15;100:8;	13:9;14:8;15:4
69:15;70:12;72:9;74:1,	33:10	42:14;43:3,6	104:6	full (4)
21;84:14,15;89:12,17	fair (1)	finance (2)	follow (3)	42:13;43:19;79:16,22
expand (2)	69:7	29:9,14	16:16;18:9;70:2	fully (1)
47:11,15	Falls (1)	financial (1)	followed (7)	59:23
expanded (1)	27:3	29:22	19:13,17,24;20:1,6,11,	function (2)
47:17	familiar (3)	financing (1)	12	30:19;71:17
expansion (1)	39:4;55:18;59:23	47:23	following (2)	Fund (1)
28:21	far (3)	find (10)	19:22;60:21	37:22
expect (4)	25:11;42:4;98:10	36:10;43:7;65:8;	follows (1)	Furniture (1)
20:15;23:5;60:14;	farm (1)	74:24;82:6,13;92:14;	19:15	27:3
78:21	40:20	94:22;100:8,14	foot (1)	further (24)
experience (5)	40.20 faulty (1)	finding (1)	40:21	17:21;18:7;19:14;
29:23;30:12;48:6;	95:18	83:9	footnote (1)	20:23,24;33:5,22;35:7;
87:13;94:24			67:15	41:1,1;45:24;52:1,3;
	<b>favors (1)</b> 29:5	<b>findings</b> (1) 63:8	<b>Forest (16)</b>	
<b>expert (1)</b> 74:11				56:17;58:18;59:8;60:17;
	feedstocks (1)	finds (1)	17:16,19;27:11;29:7;	61:6;66:18;71:12;79:24;
expire (1)	32:21	74:23	37:13;41:8;42:10;55:16,	103:23;105:20,22
43:17	feel (2)	fine (2)	18;58:11,13;63:1;86:7,	future (1)
explain (4)	53:23;97:19	81:13;104:10	10,16;94:11	64:15
82:21;88:11;90:1;	feeling (1)	finish (2)	forestland (1)	C
95:19 explained (1)	40:6 feels (1)	80:5,7	89:5	G
evnigined ( I )				
		fire (1)	forgot (1)	
32:13	53:16	41:2	76:18	Gabler (1)
32:13 explains (1)	53:16 feet (3)	41:2 <b>firing (1)</b>	76:18 form (4)	20:7
32:13 explains (1) 93:14	53:16 <b>feet (3)</b> 16:24;17:2;39:18	41:2 <b>firing (1)</b> 39:17	76:18 form (4) 38:9;52:6;77:9;79:6	20:7 gallon (1)
32:13 explains (1) 93:14 explanation (1)	53:16 feet (3) 16:24;17:2;39:18 felt (1)	41:2 firing (1) 39:17 firm (1)	76:18 form (4) 38:9;52:6;77:9;79:6 former (3)	20:7 gallon (1) 15:22
32:13 explains (1) 93:14 explanation (1) 101:4	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4	41:2 <b>firing (1)</b> 39:17 <b>firm (1)</b> 28:3	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16	20:7 gallon (1) 15:22 gallons (1)
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1)	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4)	41:2 <b>firing (1)</b> 39:17 <b>firm (1)</b> 28:3 <b>firms (1)</b>	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2)	20:7 gallon (1) 15:22 gallons (1) 32:17
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3)
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1)	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8)	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22)	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12)	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11,	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8;	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22;	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1)
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12 extensive (2)	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15;	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12 extensive (2) 53:4;85:16	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6)	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19;	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2)	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1)
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12 extensive (2) 53:4;85:16 extent (2)	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16;	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12;	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12 extensive (2) 53:4;85:16 extent (2) 53:16;57:3	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16; 81:1,19	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12; 68:15;72:8;76:19,20;	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18 found (2)	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2 gasification (2)
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12 extensive (2) 53:4;85:16 extent (2) 53:16;57:3 extreme (1)	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16; 81:1,19 fiberglass (1)	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12; 68:15;72:8;76:19,20; 82:2;94:1;95:22;96:15	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18 found (2) 83:7;93:18	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2 gasification (2) 32:8;35:23
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12 extensive (2) 53:4;85:16 extent (2) 53:16;57:3	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16; 81:1,19 fiberglass (1) 16:11	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12; 68:15;72:8;76:19,20; 82:2;94:1;95:22;96:15 firsthand (1)	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18 found (2) 83:7;93:18 Fraser (4)	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2 gasification (2) 32:8;35:23 general (15)
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12 extensive (2) 53:4;85:16 extent (2) 53:16;57:3 extreme (1) 86:21	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16; 81:1,19 fiberglass (1) 16:11 Fibrowatt (1)	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12; 68:15;72:8;76:19,20; 82:2;94:1;95:22;96:15 firsthand (1) 37:14	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18 found (2) 83:7;93:18 Fraser (4) 14:16;15:2;27:1;48:9	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2 gasification (2) 32:8;35:23 general (15) 13:15,17;14:23;16:10;
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12 extensive (2) 53:4;85:16 extent (2) 53:16;57:3 extreme (1)	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16; 81:1,19 fiberglass (1) 16:11 Fibrowatt (1) 47:1	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12; 68:15;72:8;76:19,20; 82:2;94:1;95:22;96:15 firsthand (1) 37:14 F-i-s-c-h-e-r (2)	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18 found (2) 83:7;93:18 Fraser (4) 14:16;15:2;27:1;48:9 Fraser's (1)	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2 gasification (2) 32:8;35:23 general (15)
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12 extensive (2) 53:4;85:16 extent (2) 53:16;57:3 extreme (1) 86:21	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16; 81:1,19 fiberglass (1) 16:11 Fibrowatt (1)	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12; 68:15;72:8;76:19,20; 82:2;94:1;95:22;96:15 firsthand (1) 37:14 F-i-s-c-h-e-r (2) 36:8,11	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18 found (2) 83:7;93:18 Fraser (4) 14:16;15:2;27:1;48:9 Fraser's (1) 16:12	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2 gasification (2) 32:8;35:23 general (15) 13:15,17;14:23;16:10;
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12 extensive (2) 53:4;85:16 extent (2) 53:16;57:3 extreme (1) 86:21	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16; 81:1,19 fiberglass (1) 16:11 Fibrowatt (1) 47:1	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12; 68:15;72:8;76:19,20; 82:2;94:1;95:22;96:15 firsthand (1) 37:14 F-i-s-c-h-e-r (2)	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18 found (2) 83:7;93:18 Fraser (4) 14:16;15:2;27:1;48:9 Fraser's (1)	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2 gasification (2) 32:8;35:23 general (15) 13:15,17;14:23;16:10; 17:10;33:15,18;34:6,14;
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12 extensive (2) 53:4;85:16 extent (2) 53:16;57:3 extreme (1) 86:21 F	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16; 81:1,19 fiberglass (1) 16:11 Fibrowatt (1) 47:1 field (1)	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12; 68:15;72:8;76:19,20; 82:2;94:1;95:22;96:15 firsthand (1) 37:14 F-i-s-c-h-e-r (2) 36:8,11	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18 found (2) 83:7;93:18 Fraser (4) 14:16;15:2;27:1;48:9 Fraser's (1) 16:12	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2 gasification (2) 32:8;35:23 general (15) 13:15,17;14:23;16:10; 17:10;33:15,18;34:6,14; 35:3;54:23;55:5;66:20;
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12 extensive (2) 53:4;85:16 extent (2) 53:16;57:3 extreme (1) 86:21 F facilities (9)	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16; 81:1,19 fiberglass (1) 16:11 Fibrowatt (1) 47:1 field (1) 39:3	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12; 68:15;72:8;76:19,20; 82:2;94:1;95:22;96:15 firsthand (1) 37:14 F-i-s-c-h-e-r (2) 36:8,11 Fischer-Tropsch (3)	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18 found (2) 83:7;93:18 Fraser (4) 14:16;15:2;27:1;48:9 Fraser's (1) 16:12 Frecker (12)	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2 gasification (2) 32:8;35:23 general (15) 13:15,17;14:23;16:10; 17:10;33:15,18;34:6,14; 35:3;54:23;55:5;66:20; 67:5;91:14
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12 extensive (2) 53:4;85:16 extent (2) 53:16;57:3 extreme (1) 86:21 F facilities (9) 28:17,23;55:20,21;	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16; 81:1,19 fiberglass (1) 16:11 Fibrowatt (1) 47:1 field (1) 39:3 figure (1)	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12; 68:15;72:8;76:19,20; 82:2;94:1;95:22;96:15 firsthand (1) 37:14 F-i-s-c-h-e-r (2) 36:8,11 Fischer-Tropsch (3) 32:9;35:18;36:2	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18 found (2) 83:7;93:18 Fraser (4) 14:16;15:2;27:1;48:9 Fraser's (1) 16:12 Frecker (12) 19:12;44:9,13;45:5;	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2 gasification (2) 32:8;35:23 general (15) 13:15,17;14:23;16:10; 17:10;33:15,18;34:6,14; 35:3;54:23;55:5;66:20; 67:5;91:14 generally (2)
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12 extensive (2) 53:4;85:16 extent (2) 53:16;57:3 extreme (1) 86:21 F facilities (9) 28:17,23;55:20,21; 84:17,17,23,23;85:10	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16; 81:1,19 fiberglass (1) 16:11 Fibrowatt (1) 47:1 field (1) 39:3 figure (1) 75:23	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12; 68:15;72:8;76:19,20; 82:2;94:1;95:22;96:15 firsthand (1) 37:14 F-i-s-c-h-e-r (2) 36:8,11 Fischer-Tropsch (3) 32:9;35:18;36:2 Fish (4)	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18 found (2) 83:7;93:18 Fraser (4) 14:16;15:2;27:1;48:9 Fraser's (1) 16:12 Frecker (12) 19:12;44:9,13;45:5; 48:23;49:1,1,6,10,13;	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2 gasification (2) 32:8;35:23 general (15) 13:15,17;14:23;16:10; 17:10;33:15,18;34:6,14; 35:3;54:23;55:5;66:20; 67:5;91:14 generally (2) 16:15;66:22
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12 extensive (2) 53:4;85:16 extent (2) 53:16;57:3 extreme (1) 86:21 F facilities (9) 28:17,23;55:20,21; 84:17,17,23,23;85:10 Facility (36)	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16; 81:1,19 fiberglass (1) 16:11 Fibrowatt (1) 47:1 field (1) 39:3 figure (1) 75:23 figures (1)	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12; 68:15;72:8;76:19,20; 82:2;94:1;95:22;96:15 firsthand (1) 37:14 F-i-s-c-h-e-r (2) 36:8,11 Fischer-Tropsch (3) 32:9;35:18;36:2 Fish (4) 38:3,7,8;39:6	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18 found (2) 83:7;93:18 Fraser (4) 14:16;15:2;27:1;48:9 Fraser's (1) 16:12 Frecker (12) 19:12;44:9,13;45:5; 48:23;49:1,1,6,10,13; 104:8,10	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2 gasification (2) 32:8;35:23 general (15) 13:15,17;14:23;16:10; 17:10;33:15,18;34:6,14; 35:3;54:23;55:5;66:20; 67:5;91:14 generally (2) 16:15;66:22 General's (2)
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12 extensive (2) 53:4;85:16 extent (2) 53:16;57:3 extreme (1) 86:21 F facilities (9) 28:17,23;55:20,21; 84:17,17,23,23;85:10 Facility (36) 13:9,9,24;14:4,6,6,9,	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16; 81:1,19 fiberglass (1) 16:11 Fibrowatt (1) 47:1 field (1) 39:3 figure (1) 75:23 figures (1) 17:4	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12; 68:15;72:8;76:19,20; 82:2;94:1;95:22;96:15 firsthand (1) 37:14 F-i-s-c-h-e-r (2) 36:8,11 Fischer-Tropsch (3) 32:9;35:18;36:2 Fish (4) 38:3,7,8;39:6 fit (2)	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18 found (2) 83:7;93:18 Fraser (4) 14:16;15:2;27:1;48:9 Fraser's (1) 16:12 Frecker (12) 19:12;44:9,13;45:5; 48:23;49:1,1,6,10,13; 104:8,10 free (1)	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2 gasification (2) 32:8;35:23 general (15) 13:15,17;14:23;16:10; 17:10;33:15,18;34:6,14; 35:3;54:23;55:5;66:20; 67:5;91:14 generally (2) 16:15;66:22 General's (2) 31:23;34:7
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12 extensive (2) 53:4;85:16 extent (2) 53:16;57:3 extreme (1) 86:21 F facilities (9) 28:17,23;55:20,21; 84:17,17,23,23;85:10 Facility (36) 13:9,9,24;14:4,6,6,9, 15,20,20;15:5,6,13,15;	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16; 81:1,19 fiberglass (1) 16:11 Fibrowatt (1) 47:1 field (1) 39:3 figure (1) 75:23 figures (1) 17:4 filed (8)	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12; 68:15;72:8;76:19,20; 82:2;94:1;95:22;96:15 firsthand (1) 37:14 F-i-s-c-h-e-r (2) 36:8,11 Fischer-Tropsch (3) 32:9;35:18;36:2 Fish (4) 38:3,7,8;39:6 fit (2) 84:2;104:12	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18 found (2) 83:7;93:18 Fraser (4) 14:16;15:2;27:1;48:9 Fraser's (1) 16:12 Frecker (12) 19:12;44:9,13;45:5; 48:23;49:1,1,6,10,13; 104:8,10 free (1) 97:19	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2 gasification (2) 32:8;35:23 general (15) 13:15,17;14:23;16:10; 17:10;33:15,18;34:6,14; 35:3;54:23;55:5;66:20; 67:5;91:14 generally (2) 16:15;66:22 General's (2) 31:23;34:7 generating (3)
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12 extensive (2) 53:4;85:16 extent (2) 53:16;57:3 extreme (1) 86:21 F facilities (9) 28:17,23;55:20,21; 84:17,17,23,23;85:10 Facility (36) 13:9,9,24;14:4,6,6,9, 15,20,20;15:5,6,13,15; 17:6;26:18;28:12,13;	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16; 81:1,19 fiberglass (1) 16:11 Fibrowatt (1) 47:1 field (1) 39:3 figure (1) 75:23 figures (1) 17:4 filed (8) 13:19,23;18:12;21:3,	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12; 68:15;72:8;76:19,20; 82:2;94:1;95:22;96:15 firsthand (1) 37:14 F-i-s-c-h-e-r (2) 36:8,11 Fischer-Tropsch (3) 32:9;35:18;36:2 Fish (4) 38:3,7,8;39:6 fit (2) 84:2;104:12 fits (3)	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18 found (2) 83:7;93:18 Fraser (4) 14:16;15:2;27:1;48:9 Fraser's (1) 16:12 Frecker (12) 19:12;44:9,13;45:5; 48:23;49:1,1,6,10,13; 104:8,10 free (1) 97:19 fresh (1)	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2 gasification (2) 32:8;35:23 general (15) 13:15,17;14:23;16:10; 17:10;33:15,18;34:6,14; 35:3;54:23;55:5;66:20; 67:5;91:14 generally (2) 16:15;66:22 General's (2) 31:23;34:7 generating (3) 14:9;15:5,5
32:13 explains (1) 93:14 explanation (1) 101:4 explore (1) 55:24 extend (1) 71:12 extensive (2) 53:4;85:16 extent (2) 53:16;57:3 extreme (1) 86:21 F facilities (9) 28:17,23;55:20,21; 84:17,17,23,23;85:10 Facility (36) 13:9,9,24;14:4,6,6,9, 15,20,20;15:5,6,13,15; 17:6;26:18;28:12,13; 29:18,21;30:20;41:3;	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16; 81:1,19 fiberglass (1) 16:11 Fibrowatt (1) 47:1 field (1) 39:3 figure (1) 75:23 figures (1) 17:4 filed (8) 13:19,23;18:12;21:3, 5;32:1;64:20;65:8	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12; 68:15;72:8;76:19,20; 82:2;94:1;95:22;96:15 firsthand (1) 37:14 F-i-s-c-h-e-r (2) 36:8,11 Fischer-Tropsch (3) 32:9;35:18;36:2 Fish (4) 38:3,7,8;39:6 fit (2) 84:2;104:12 fits (3) 56:4,8;61:22	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18 found (2) 83:7;93:18 Fraser (4) 14:16;15:2;27:1;48:9 Fraser's (1) 16:12 Frecker (12) 19:12;44:9,13;45:5; 48:23;49:1,1,6,10,13; 104:8,10 free (1) 97:19 fresh (1) 25:11	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2 gasification (2) 32:8;35:23 general (15) 13:15,17;14:23;16:10; 17:10;33:15,18;34:6,14; 35:3;54:23;55:5;66:20; 67:5;91:14 generally (2) 16:15;66:22 General's (2) 31:23;34:7 generating (3) 14:9;15:5,5 generation (2) 15:17;41:23
$\begin{array}{r} 32:13\\ \textbf{explains (1)}\\ 93:14\\ \textbf{explanation (1)}\\ 101:4\\ \textbf{explore (1)}\\ 55:24\\ \textbf{extend (1)}\\ 71:12\\ \textbf{extensive (2)}\\ 53:4;85:16\\ \textbf{extent (2)}\\ 53:16;57:3\\ \textbf{extreme (1)}\\ 86:21\\ \hline \\ \hline$	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16; 81:1,19 fiberglass (1) 16:11 Fibrowatt (1) 47:1 field (1) 39:3 figure (1) 75:23 figures (1) 17:4 filed (8) 13:19,23;18:12;21:3, 5;32:1;64:20;65:8 filing (1)	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12; 68:15;72:8;76:19,20; 82:2;94:1;95:22;96:15 firsthand (1) 37:14 F-i-s-c-h-e-r (2) 36:8,11 Fischer-Tropsch (3) 32:9;35:18;36:2 Fish (4) 38:3,7,8;39:6 fit (2) 84:2;104:12 fits (3) 56:4,8;61:22 fix (1)	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18 found (2) 83:7;93:18 Fraser (4) 14:16;15:2;27:1;48:9 Fraser's (1) 16:12 Frecker (12) 19:12;44:9,13;45:5; 48:23;49:1,1,6,10,13; 104:8,10 free (1) 97:19 fresh (1) 25:11 Friday (4)	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2 gasification (2) 32:8;35:23 general (15) 13:15,17;14:23;16:10; 17:10;33:15,18;34:6,14; 35:3;54:23;55:5;66:20; 67:5;91:14 generally (2) 16:15;66:22 General's (2) 31:23;34:7 generating (3) 14:9;15:5,5 generation (2)
$\begin{array}{r} 32:13\\ explains (1)\\ 93:14\\ explanation (1)\\ 101:4\\ explore (1)\\ 55:24\\ extend (1)\\ 71:12\\ extensive (2)\\ 53:4;85:16\\ extent (2)\\ 53:16;57:3\\ extreme (1)\\ 86:21\\ \hline F\\ \hline facilities (9)\\ 28:17,23;55:20,21;\\ 84:17,17,23,23;85:10\\ Facility (36)\\ 13:9,9,24;14:4,6,6,9,\\ 15,20,20;15:5,6,13,15;\\ 17:6;26:18;28:12,13;\\ 29:18,21;30:20;41:3;\\ 46:12;47:17,19;56:2;\\ 68:10;70:24;71:10;74:2;\\ \end{array}$	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16; 81:1,19 fiberglass (1) 16:11 Fibrowatt (1) 47:1 field (1) 39:3 figure (1) 75:23 figures (1) 17:4 filed (8) 13:19,23;18:12;21:3, 5;32:1;64:20;65:8 filing (1) 21:12	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12; 68:15;72:8;76:19,20; 82:2;94:1;95:22;96:15 firsthand (1) 37:14 F-i-s-c-h-e-r (2) 36:8,11 Fischer-Tropsch (3) 32:9;35:18;36:2 Fish (4) 38:3,7,8;39:6 fit (2) 84:2;104:12 fits (3) 56:4,8;61:22 fix (1) 40:12	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18 found (2) 83:7;93:18 Fraser (4) 14:16;15:2;27:1;48:9 Fraser's (1) 16:12 Frecker (12) 19:12;44:9,13;45:5; 48:23;49:1,1,6,10,13; 104:8,10 free (1) 97:19 fresh (1) 25:11 Friday (4) 18:12;21:4;34:8;44:20	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2 gasification (2) 32:8;35:23 general (15) 13:15,17;14:23;16:10; 17:10;33:15,18;34:6,14; 35:3;54:23;55:5;66:20; 67:5;91:14 generally (2) 16:15;66:22 General's (2) 31:23;34:7 generating (3) 14:9;15:5,5 generation (2) 15:17;41:23 generator (1)
$\begin{array}{r} 32:13\\ explains (1)\\ 93:14\\ explanation (1)\\ 101:4\\ explore (1)\\ 55:24\\ extend (1)\\ 71:12\\ extensive (2)\\ 53:4;85:16\\ extent (2)\\ 53:16;57:3\\ extreme (1)\\ 86:21\\ \hline F\\ \hline facilities (9)\\ 28:17,23;55:20,21;\\ 84:17,17,23,23;85:10\\ Facility (36)\\ 13:9,9,24;14:4,6,6,9,\\ 15,20,20;15:5,6,13,15;\\ 17:6;26:18;28:12,13;\\ 29:18,21;30:20;41:3;\\ 46:12;47:17,19;56:2;\\ 68:10;70:24;71:10;74:2;\\ 79:18;93:7;95:1;96:20;\\ \end{array}$	53:16 feet (3) 16:24;17:2;39:18 felt (1) 94:4 few (4) 39:20;40:5;90:19;97:6 FIA (8) 66:9,11,21;67:2,6,11, 13,17 fiber (6) 65:24;73:8,12;80:16; 81:1,19 fiberglass (1) 16:11 Fibrowatt (1) 47:1 field (1) 39:3 figure (1) 75:23 figures (1) 17:4 filed (8) 13:19,23;18:12;21:3, 5;32:1;64:20;65:8 filing (1) 21:12 fill (2)	41:2 firing (1) 39:17 firm (1) 28:3 firms (1) 39:10 first (22) 18:10;19:10,15;20:8; 21:15;24:10;29:15; 31:15;32:4;35:23;44:19; 57:23;65:23;67:12; 68:15;72:8;76:19,20; 82:2;94:1;95:22;96:15 firsthand (1) 37:14 F-i-s-c-h-e-r (2) 36:8,11 Fischer-Tropsch (3) 32:9;35:18;36:2 Fish (4) 38:3,7,8;39:6 fit (2) 84:2;104:12 fits (3) 56:4,8;61:22 fix (1) 40:12 floor (2)	76:18 form (4) 38:9;52:6;77:9;79:6 former (3) 14:16;15:2;16:16 formerly (2) 14:20;16:11 FORTUNE (12) 31:19,20;35:14,18,22; 36:1,5,8,10,14,19;37:2 forward (2) 24:13;31:18 found (2) 83:7;93:18 Fraser (4) 14:16;15:2;27:1;48:9 Fraser's (1) 16:12 Frecker (12) 19:12;44:9,13;45:5; 48:23;49:1,1,6,10,13; 104:8,10 free (1) 97:19 fresh (1) 25:11 Friday (4) 18:12;21:4;34:8;44:20 friends (1)	20:7 gallon (1) 15:22 gallons (1) 32:17 Game (3) 38:3,9;39:6 gas (1) 15:18 gases (1) 36:2 gasification (2) 32:8;35:23 general (15) 13:15,17;14:23;16:10; 17:10;33:15,18;34:6,14; 35:3;54:23;55:5;66:20; 67:5;91:14 generally (2) 16:15;66:22 General's (2) 31:23;34:7 generating (3) 14:9;15:5,5 generation (2) 15:17;41:23 generator (1) 15:14

38:17:62:3:95:13 gentleman's (1) grou 36:17 grou gentlemen (2) 11:3:78:24 **Geographical** (2) Gro 93:8;95:14 German (1) Gro 36:13 gerrymanders (1) grov 95:3 gues Gestamp (20) 18:18;27:24;28:5,7,8, 9,15,20,20;29:4,8,13,15, 16,19,23;30:2,6,11,20 Guil Gestamp/CPD (1) 30:24 guy Gestamp's (1) 28:24 guys gets (1) 77:10 Gilman (1) 71:1 given (4) Haij 30:9;31:2;51:21;74:1 glad (4) H-a-75:4,6;82:24;90:2 global (1) half 28:15 glut (1) Han 97:10 goes (3) 50:3:72:13:89:4 Good (11) 11:2;21:22;23:16,23; 27:19;28:1;31:2,19; 52:14:86:21:104:14 Gorham (2) hand 16:12;31:3 government (1) hand 33:11 grade (5) hand 15:7;83:16;84:24; 85:24;90:6 hand graduated (3) 41:20,21,22 hane Graf (2) 17:12;23:17 hap grant (1) 45:1 hap greater (3) 31:1;55:2;77:4 hap greatly (1) 25:24 hard green (4) 67:14;73:14;93:3; Har 95:16 Greg (1) 23:19 **GRENIER (9)** Har 24:15.16:31:13.17: 41:16,18,19;43:24;46:6 harv

<b>D</b> 1112 <b>D</b> 1		
10.10.10	00.00	
40:12,19	88:20	
round (2)	harvested (5)	ł
37:12;43:8	37:19;71:4;85:4;	
rounds (1)	88:21;93:21	ł
21:8	harvester (1)	
Froup (1)	38:16	ł
49:3	harvesting (6)	
Froveton (3)	38:20;41:9;42:4;	ł
		1
27:2,2;71:1	86:22;87:15;89:2	
rown (1)	havoc (1)	ł
55:22	41:4	
uess (7)	headed (1)	ł
60:20;69:10;91:14;	37:22	
92:24;97:14,18;101:18	hear (5)	ł
Fuild (1)	19:2;31:15;36:14;	
86:16	65:15;70:15	ł
uy (2)	heard (4)	
37:14;90:18	22:22;74:19;91:21;	ł
		1
uys (1)	98:3	
37:12	hearing (3)	ł
	13:7;19:6;78:4	
$\mathbf{H}$	hearings (4)	
	12:24;20:23;34:10;	
laijin (2)	35:3	ł
66:24,24	heart (2)	
[-a-i-j-i-n (1)	50:3,4	ł
67:1	heat (4)	-
	29:6;32:18,18;33:4	ł
alf (3)		1
14:19;41:23;80:3	heating (1)	
lampshire (29)	33:5	ł
11:4;12:11,17,19;	heavily (1)	
13:2,10;14:7,13;16:5,13;	66:21	ł
17:17,20;29:20;30:6;	help (3)	
32:5;33:20;34:4;35:8;	25:16;31:4;72:4	ł
37:6,8;40:19;41:6;	helpful (4)	
55:17;56:7;61:20;67:3;	27:21;53:17;54:21;	ł
86:13;89:14;102:4	100:6	
and (2)	helping (1)	
18:21;31:16	27:7	
anding (1)	Henniker (1)	
15:14	55:17	I
andle (3)	herewith (1)	
43:3;54:7;71:16	18:2	
andling (1)	Heritage (1)	
15:15	12:5	i
ands (3)	hey (2)	
18:23;31:11;50:6	90:21;91:6	i
appened (2)	High (7)	-
83:23;84:5	41:20,21,22;42:11;	i
appening (4)	76:22;83:19;86:4	
38:10;39:5;40:6;85:6	higher (3)	i
appens (2)	84:5;85:11;87:1	
42:22;97:24	highest (1)	_
ard (1)	27:4	i
53:7	hire (1)	
larrington (12)	85:22	Ι
12:21,21;35:10,11,12,	Historic (1)	
16,20,24;57:20;58:5,13,	12:12	I
16	Historical (1)	
larry (1)	12:11	Ι
	14.11	
12:14	historically (2)	
arvest (4)	<b>historically (2)</b> 84:15;87:12	i
	historically (2)	i

35:15 holds (1) 36:21 home (1) 33:5 Homeland (1) 105:11 Homeland's (1) 105:17 homes (1) 42:19 hope (1) 26:12 hopefully (1) 55:10 hopes (1) 30:5 host (1) 40:2 hour (11) 23:2,4;75:23;77:16; 80:4;83:14;84:3;106:1, 1,3,6 hours (1) 84:4 house (1) 45:21 housekeeping (1) 21:14 huge (1) 27:7hundreds (1) 40:13Hutchins (1) 14:22 hypothetical (3) 74:22:75:3.7 Ι IACOPINO (10) 13:3,4;22:13;23:10; 36:17,24;57:16;68:14, 18,22 iceberg (1) 41:6 idea (1) 99:19 identification (1) 18:3 identified (4) 49:22;59:15;64:4; 69:19 identify (2) 65:4;104:20 Ignatius (4) 13:1,1;52:23,24 II (1) 67:18 III (1) 14:13 impact (9) 25:23;30:4;31:1;33:6;

39:20:40:1.6.8.9 impacts (2) 25:4,5 import (1) 53:9 important (2) 47:22;53:9 importantly (1) 33:10 imposed (1) 58:9 Inc (3) 18:13;21:3,7 include (1) 31:9 includes (1) 11:7including (8) 15:14,18;18:11;19:11; 21:8;28:18,19;50:1 income (1) 27:5 **Incorporated** (2) 31:20;49:3 incorrect (1) 100:21 increase (3) 69:14;84:3;88:6 increases (1) 40:14 incurs (3) 99:2:100:20:102:18 indicated (1) 76:15 individual (1) 18:24 individuals (7) 19:1,2;22:9,18;24:12; 31:12.15 indulgence (1) 51:10 Industrial (8) 18:13;21:3,7;28:16; 31:20;43:8;49:2;55:21 industries (1) 30:19 industry (3) 26:22;29:3;86:7 inefficient (1) 32:7 information (2) 33:16;86:15 initial (2) 30:16;45:20 initiative (2) 37:21;38:8 input (1) 33:16 install (1) 28:22 installed (2) 16:7.9 instead (2)

grid (2)

	r	r	,
62:20;85:20	issues (9)	known (6)	leave (3)
integrated (1)	23:12;24:20;25:7,10;	13:23;14:2,23,23;	16:14;62:1;86:22
89:7	29:24;35:6;42:15;78:12;	16:5;26:18	leaving (4)
intelligence (2)	80:8	Kusche (1)	85:20;86:19;88:16,21
94:5;96:9	item (1)	19:13	left (2)
intend (1)	13:6	т	85:4;86:10
34:20	items (1)	L	legal (2)
interchangeably (1)	51:21		22:12;43:5
67:21	IV8 (1)	labeled (2)	legislation (1)
interest (6)	61:2	57:24;65:21	38:15
29:11;31:24;33:20;	<b>.</b>	ladies (1)	length (2)
34:3;37:8;81:16	J	11:2	16:24;23:4
interested (3)		Laflamme (4)	less (3)
18:18,20;90:19	jackets (1)	19:21,22;60:14,15	71:20;73:20;95:4
interests (1)	21:23	Laidlaw (36)	letter (6)
21:8	Jacques (3)	13:7,22;25:1,6,18;	17:22;27:17;28:4,6;
interfere (1)	62:2,8,21	26:17;27:6;28:11;32:16,	31:8;65:11
21:10	jagged (1)	23;33:7,19;34:17;43:4;	level (2)
interim (1)	40:22	44:22;45:11;57:24;59:2,	26:2;89:17
43:10	James (1)	6;60:5,6,9;65:6;70:13;	Lewis (1)
International (3)	17:15	74:2,21;75:1;84:2;86:4;	45:10
28:5,9;29:4	Janelle (4)	88:5;89:15;90:16;96:20;	lightly (1)
interpolated (1)	12:18,18;68:17,21	97:15;98:2;99:14	39:8
66:14	January (1)	land (4)	likelihood (1)
interruption (2)	14:10	37:11;38:13;42:6,7	52:14
36:9;82:15	Jim (2)	landfills (1)	likely (1)
intersection (1)	24:6;68:22	32:11	85:5
16:15	job (3)	LandVest (30)	limbs (1)
intervene (10)	11:12;22:18;31:1	63:9,20;64:4;66:9,16,	84:21
18:12;21:3,7;32:1,2;	jobs (2)	21;69:20;71:15;72:10,	limitations (1)
33:15,17;34:13,14;35:2	27:9;42:2	13;73:21;76:20;77:6;	23:8
intervention (1)	Jonathan (1)	80:15;81:15,17;82:2,3,3,	Limited (1)
103:18	37:5	10,18,22;84:1;86:2;	17:17
into (25)	Judd (6)	87:2;89:18;91:4,21;	limiting (1)
17:23;20:20;28:4;	24:19;26:9,11,14;	93:13;95:13	30:4
32:11;37:18;39:3;40:21;	27:17,18	large (4)	line (11)
42:10;44:22;47:10,14;	July (2)	46:11;47:23;48:3;	16:6,7,9,14,18,20,23;
52:10,15;56:23;60:6;	13:13,18	57:12	17:1;70:3;71:6;92:18
70:8;71:21;76:18;84:2,	jump (1)	largely (1)	Lines (1)
24;90:4;92:5;95:4;	70:3	71:17	69:2
101:2;103:13		larger (2)	liquidated (2)
introduce (6)	Κ	29:4;41:3	37:19;42:7
11:10,12,21;24:13;		largest (2)	liquidation (3)
31:18;60:13	Kate (1)	55:19,19	38:20;41:9;42:4
invite (1)	23:19	last (4)	liquidator (1)
44:5	keep (3)	34:8;47:10,14;103:9	38:13
involved (5)	19:5;38:9;74:12	Lastly (1)	List (1)
35:4;36:22;48:8;82:9;	Kent (4)	48:5	59:17
91:24	11:23,23;12:3,5	Later (2)	listed (1)
involvement (1)	kept (1)	21:6;53:13	56:5
48:13	41:11	law (2)	listened (1)
involves (1)	key (2)	28:3;34:12	42:3
13:6	53:16;55:14	lead (3)	Liston (1)
involving (1)	kids (2)	30:7;79:20,21	20:6
52:15	41:21,23	Leader (1)	litigation (1)
issuance (2)	kilovolt (1)	13:14	35:7
24:24;27:13	16:6	leads (1)	little (9)
issue (10)	kilter (1)	79:19	18:8;35:21;53:14;
21:6;30:3;34:9,17;	53:14	learned (6)	65:1;71:11;82:17;87:21,
43:21;51:12,18;52:19;	kind (3)	71:14;94:16,16;95:9;	24;104:12
53:3;84:9	21:18;38:9;88:10	96:24,24	live (1)
issued (1)	knowledge (4)	least (1)	42:17
13:13	83:6,13;85:16;87:13	80:3	42.17 LLC (9)
13.13	05.0,15,05.10,07.15	00.5	

13:8,23:17:15:28:5, 11;47:2;58:1;59:3;60:5 local (1) 6:19;88:16,21 38:18 locally (1) 97:5 located (2) 14:15,21 location (1) 17:5 logger (3) 38:2,15,24 loggers (2) 37:24;39:6 logging (5) 26:22;37:17;87:13; 88:14,18 long (4) 25:8;29:6,11;30:15 long-winded (2) 70:20;95:21 look (15) 38:12;39:1,22;40:1; 41:13;55:2;63:24;65:23; 67:10;75:14;76:10;91:4; 92:11,18;94:6 looked (2) 25:21;93:17 Looking (7) 64:13;76:7;80:17,20; 81:5,6;106:6 looks (3) 29:19;83:23;93:15 Loop (1) 40:17 Lopez (1) ,14,18,20,23; 28:6 3;71:6;92:18 losing (2) 42:1,1 loss(1)41:24 lost (2) 86:23;95:21 lot (7) 38:20;39:4;42:8;66:9; 94:17;95:6;98:5 loudly (1) 22:21 Louis (3) 19:11;44:12;45:3 low (12) 15:7,11,22;76:21; 77:6;81:11;83:15,24; 86:1;89:18,20;90:6 lower (4) 81:5;83:20,21;84:13 lowest (2) 85:23;89:2 1;82:17;87:21, low-grade (11) 63:21;65:24;67:7,13; 68:1;73:7,12;80:16; 81:1,18;90:6 Luis (1)

$\begin{array}{llllllllllllllllllllllllllllllllllll$	LAIDLAW BERLIN BIOPOWER, LLC				
Innch (6)         103:24         20:22         25:5         12:10.10           23:37:52:37:18;         math (2)         73:16.17         17:13:24:4         85:3         11:10.17:21:20           M         22:737:9:37:9:47:44:07;         0:23:12:16         29:16:93:13         mate(1)         name(1)           Mine (8)         77:16.38:14:15:67:3;         11:12:11:53:12:1         32:17:13:38:14:15:67:3;         11:13:13:32:41:6;         N           Maine (8)         maxized (1)         math (2)         math (2)         math (2)         0:23:13:13         name (15)           Mixing (10)         00:34:34:17:04:52:13:12:11:53:12:15:13:12:15:13:12:15:13:12:15:13:12:15:13:12:17:13:12:15:13:12:17:13:12:17:13:12:17:13:12:17:13:12:17:13:12:17:13:12:17:17:12:21:17:13:12:17:13:12:17:17:12:21:17:13:11:10:17:17:17:17:17:17:17:17:17:17:17:17:17:	28:6	materials (1)	merits (1)	mitigates (1)	MUZZEY (2)
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					
	00.0,0,103.23,100.2,12				11.10,17,21.20
	М				N
Maine (8)         matters (4) $322/934:21$ $93:13$ method outfield (1) $11:13:13:24:16$ $77:18:38:45:67:33$ $11:12:15:51:24:$ $66:19$ $57:5$ $20:14:28:23:01:83:32:41:6$ $77:12:38:85:67:41$ $29:2$ $12:21:19:12:22:13:$ $57:5$ $39:14:28:10:93:11:04:9$ $77:12:38:85:67:42$ $29:22$ $12:21:19:12:22:13:$ $57:5$ $39:14:28:10:93:11:04:9$ $86:13:87:18:94:20$ $18:15:20:20:22:11:7$ $11:04:12:12:17:11:10:11:10:13:13:10:14:10:11:10:11:10:13:13:10$					
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Maine (8)				name (15)
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					
major (3)maximized (1)Michael (4)modify (1) $39204594c3234824$ $372.1388.5614$ $292$ $122(1)912222137$ $60.9$ $60.9$ $60.9$ $6813,8718,9420$ $3612$ $8613,8718,9420$ $18520202222137$ $60.9$ $682.5697.743$ $3612$ $ammed (1)$ $37.11,381.164.114$ $9.6420,0923,722.11$ $171222317$ $moment (3)$ $3121$ $3612$ $37.11,381.164.114$ $9.6420,0923,722.11$ $171222317$ $moment (3)$ $37.22$ $manage (1)$ $maye (4)$ $Mike (1)$ $Monday (1)$ $name (1)$ $38.21$ $58.672.29519.21$ $13.3$ $4114$ $8614$ $managerint (3)$ $88.672.29519.21$ $13.3$ $4114$ $8614$ $managerint (3)$ $88.672.29519.21$ $13.3$ $4114$ $8614$ $50.4$ $MeLane (2)$ $72.97.616.935.17$ ; $30.73.8322.833.10$ $natron (1)$ $50.4$ $MeLane (2)$ $72.97.616.935.17$ ; $30.73.8452.83.44558$ ; $natrue (1)$ $50.4$ $MeLane (2)$ $72.97.616.935.17$ ; $30.73.8452.83.44558$ ; $naer (1)$ $51.2$ $men (16)$ $11.32.247.12.49.2162$ $14.16.17.152.21612;$ $95.396.5$ $nearly (1)$ $72.47.24$ $13.102.79.0108.15$ $22.142.842.82.84.952.19.314;$ $nearly (1)$ $70.27.55.5$ $mandacturer (1)$ $31.02.79.0108.15$ $22.17.31.346.17$ $nearly (1)$ $72.21.84.16.17$ $meaning (1)$ $13.102.79.0108.15$ $22.17.35.88.16.99.11$ $11.55.01.84.17.24;$ $13.102.79.0108.15$ $22.17.35.88.16.99$					
$\begin{array}{cccccccccccccccccccccccccccccccccccc$					
$ \begin{array}{llllllllllllllllllllllllllllllllllll$					
$\begin{array}{llllllllllllllllllllllllllllllllllll$					
$\begin{array}{llllllllllllllllllllllllllllllllllll$					
$\begin{array}{llllllllllllllllllllllllllllllllllll$					names (1)
$\begin{array}{llllllllllllllllllllllllllllllllllll$		9;64:20;69:23;72:21;	might (7)	21:18;78:18;100:8	
91:14-97:12         100:12         20:91:12,12         13:15         37:22           manage (1)         maybe (4)         Mike (1)         Motion (1)         86:14         nation (1)           management (3)         Mayor (7)         Milan (1)         moot (2)         nation's (1)         86:14           managerial (1)         26:731:13:46:5         miles (5)         more (21)         Natural (1)         86:14           managerial (2)         26:731:13:46:5         miles (5)         more (21)         Natural (1)         12:5           manamature (1)         30:22:62:7:69:9.10;         66:1         21:24:48:22:89:19:19;         neart (1)           15:9         71:37:67:24:81:5;         mature (1)         95:39:76:42:19:9:12;         16:14         neart (1)           manufacturer (1)         89:1397:14:21:99:12;         Mill (13)         most (5)         neext (1)         70:27:55           manufacturing (4)         meaning (1)         maling (1)         million (34)         most (5)         neexesary (4)           28:17:42:1;84:16,17         53:7         25:14:15:63:22:64:8;         29:53:21:84:27:71         32:24:94:12:25:11:1;           15:50:18/41:7,24;         53:7         25:14:15:63:22:64:8;         29:52:18:48:27:61:61:8;         96:11:01:18:10:1		75:10;80:22;88:13;	52:13,18;69:23;71:9,	Monday (1)	Nancy (1)
38:21         58:67:22:95:19.21         13:3         41:4         86:14           management (3)         15:16:17:16:20         18:17:24:10.15.18;         37:20         33:23:34:17         mation's (1)           s5:6         50:4         McLane (2)         72:97:6:16:93:5.17;         37:20         37:23:33:10;         12:5           manner (2)         17:12:23:17         95:5         95:39:55         nature (1)         30:22:62:7:69:9.10;         66:1         51:41:77:13:87:19.19;         17:5         nature (1)           manufacturer (1)         30:22:62:7:69:9.10;         66:1         21:24:82:22:89:19:3:14;         neer (1)         near (1)           manufacturer (1)         30:22:62:7:79:9.10;         66:1         21:24:82:19:21:5;         22:24:23:16:23:28:1;         neer (1)           manufacturer (1)         30:22:62:7:79:9.10;         66:1         21:24:82:16:23:28:1;         31:19:106:11         near (1)           71:37:42:18:41:6.17         meaningful (1)         53:12         meaningful (1)         31:19:106:11         nection (5)         29:53:218:42:7;         84:13.18         66:20           mature (1)         71:8:24:82:1:8:42:0;         65:7:77:23:68:9;         84:13.18         32:19:41:25:11:1;         32:24:23:8:33:11;         32:24:23:33:34:17;         32:24:33:33:34:17;         3		100:12	20;91:12,12		
management (3) 15:16;17:16,20Mayor (7) 18:17;24:10,15.18; 37:20Milan (1) 37:20moto (2) 33:23;34:17nation's (1) 37:15managerial (1) 10:17:12;23:1726:73:11;34:65miles (5) 17:12;23:1730:78,93;28;33:10; 30:78,93;28;33:10; 30:78,93;28;33:10; 12:512:5 12:5softer 55:685:19mean (16) 10:22;27:69:9,10; 66:1milesis (1) 57:14;77:13;71:79,19; 15:912:5 71:37:67.24;81:5; 16:1417:5 17:12;28:17:47,171:87:19,19; 17:37:67.24;81:5; 15:9mean (16) 16:14near (1) 17:24:88:22:89:19:31:4; 16:14near (1) 17:5manufacturer (1) 28:17:42:1;84:16,1730:22;22:76:9:10; 35:1266:1 89:1421:24:82:22:81:19:31:4; 11:21:81:19:12:15; 22:24:23:16:23;28:1; 16:14nearby (1) 70:27:5:5many (6) 11:5:30:18;41:7,24; 55:18,20 17:4meaning(1) 85:18:618million (34) most (5)mect (3) mect (3)maps (1) 17:471:8,24:82:1;84:20; 85:18:61869:10,14,16,18,22,24; 99:10,11:16;10:11 70:21:62motoi (5) 99:16;10:11:81:06:11 99:21:42:15:11:63:33:34:17; 99:12:10:11:81:06:12March (2) meting (1) 27:2125:16 27:21motoi (8) 27:2120:20:37:16;89:13;13:10:18;06:18 99:10;10:11:81:06:14 99:16;10:11:81:06:1477:24:18:2 17:24:18:22 17:24:18:22meting (1) 27:2127:27:07:77:11,13; 27:27:07:77:11,13; 27:29:41:5motoi (3) 27:21,12:23:16,12:32:16;33:13;17:50:18 17:24:33:13;17:50:1877:24:18:22 17:24:18:22 17:24:18:22meting (1) 26:12:80:17move (4) 70:23:71:16:95:79; 70:23:71:16:95:79; 70:23:71:16:95:79;	manage (1)	maybe (4)	Mike (1)	Monopolies (1)	nation (1)
$\begin{array}{llllllllllllllllllllllllllllllllllll$	38:21	58:6;72:2;95:19,21		41:4	86:14
managerial (1) $2c; 7; 31: 13; 46:5$ miles (5)more (2)Natural (1) $50:4$ McLane (2) $72: 9; 76: 16; 93: 5; 1; 7;$ $30: 78, 9; 32: 8; 33: 10;$ $12: 5$ manner (2) $17: 12: 23: 17$ $95: 6$ $34: 1; 39: 12: 53: 4.6: 55: 8;$ nature (1) $55: 685: 19$ mean (16)milesis (1) $57: 14; 77: 13: 87: 19, 19, 17: 5$ manufactured (1) $30: 22; 62: 7; 69: 9, 10;$ $66: 1$ $12: 48: 82: 28: 9: 9: 9: 14: 16: 14$ $15: 9$ $71: 37: 76: 72: 44: 81: 5;$ Mill (13) $95: 39: 65: 5$ $16: 14$ manufacturing (4) $89: 13: 97: 14: 21: 99: 12;$ $11: 2: 18: 19: 21: 5;$ $27: 3$ manufacturing (4)meaning (1) $42: 20: 48: 97: 11: 08: 15;$ $22: 14: 23: 16: 23: 16: 22: 24: 23: 16: 23: 24: 12: 55: 14: 15: 63: 22: 64: 8;$ $29: 55: 32: 16: 22: 54: 23: 16: 23: 16: 23: 16: 23: 16: 23: 16: 15: 12: 17: 72: 15: 18: 11: 21: 12: 71: 12: 44: 12: 71: 12: 14: 12: 71: 12: 44: 12: 71: 12: 14: 12: 71: 12: 44: 12: 71: 12: 12: 12: 12: 12: 11: 13: 11: 11: 15: 13: 11: 12: 71: 12: 71: 12: 44: 12: 71: 12: 12: 12: 12: 12: 11: 13: 11: 12: 71: 12: 71: 12: 44: 12: 71: 12: 12: 12: 12: 12: 12: 12: 12: 12: 1$	management (3)	Mayor (7)	Milan (1)	moot (2)	nation's (1)
50.4McLane (2) $72;97:61:6;93:5,17;$ $55:6;85:19$ $30:28;92:8:33:10;$ $34:1;39:12:53:4;65:58;$ $117:12;25:17$ $17:12;25:17;$ $15:9$ $17:12;25:17;$ $17:12;25:17;$ $15:9$ $17:12;25:17;$ $15:9$ $17:12;25:17;$ $15:9$ $17:12;25:17;$ $15:9$ $17:12;25:17;$ $113:16:14;$ $113:10:27;9;103:4$ $26:19:27:1;31:39:15;$ $112:21:81:92:15;$ $22:24:23:16;23;28:1;$ $112:21:81:92:15;$ $22:24:23:16;23;28:1;$ $112:21:81:92:15;$ $27:3$ $22:24:23:16;23;28:1;$ $112:21:81:92:15;$ $27:3$ $112:21:81:92:15;$ $27:3$ $112:21:81:92:15;$ $27:3$ $112:21:81:92:15;$ $27:32:22:42:23:16;23;28:1;$ $112:21:81:92:15;$ $112:21:81:92:15;$ $112:21:81:92:15;$ $112:21:81:92:15;$ $112:21:81:92:15;$ $112:21:81:92:15;$ $112:21:81:92:15;$ $112:21:81:92:15;$ $112:21:81:92:15;$ $112:21:81:92:15;$ $112:21:81:92:15;$ $112:21:81:92:15;$ $112:21:81:92:15;$ $112:21:21:12:22:12:12:11;$ $113:11:12:12:12:12:12:12:12:12:12:12:12:12:$	15:16;17:16,20	18:17;24:10,15,18;		33:23;34:17	37:15
manner (2)17:12:23:1795:634:139:12:53:46:55:8:nature (1)55:6:85:19mean (16)milesis (1)57:14:77:13:87:19.917:5manufactured (1)30:22:62:7;69:9.10;66:112.4:88:22:89:193:14;near (1)15:971:37;76:7.24:81:5;Mill (13)95:396:516:14manufacturing (4)meaning (1)42:048:97:11:08:15;22:34:23:16.23:28:1;necessarily (2)28:17.42:18;41:61,753:1289:1431:19:106:1170:27:5.5many (6)meaning (1)million (34)motion (5)necessarily (2)17:485:18:61:870:81:27:12.33:69:9;84:13:1863:20maps (1)71:8.34:82:18:42:0;69:10.14.16.18.22:24:motion (5)neced (14)17:485:18:66:1870:81:27:12.39:23:44;18:11:21:27,71:24:51:11;21:24:33:83:41:17;March (2)meant (1)71:17:35:80:16:89:11,40:2269:10.11:81:10:11:89:14:90:4;21:24:33:83:41:17;March (2)medium (1)71:90:15move (8)96:11:10:11:81:10:61:27:2125:16millions (2)20:20;37:16:44:22;needed (4)25:14;82:21:13:11:31:10,14Mills (5)move (4)54:12:17.22:35:0,12;25:14;28:22:30:1;20:2472:337:18;38:13,17:50:1817:12:23:16,17:44:7;25:14;28:22:30:1;20:2472:37:77:11:39:14:90:4;94:577:23:78:270:23:71:16:95:7,956:18;20:77:11:85:82;90:994:19,22:97:3,9medium (1)mindu (2)70:23:71:16:95:7,997:1,10:10	managerial (1)	26:7;31:13;46:5	miles (5)	more (21)	Natural (1)
$\begin{array}{lllll} 55:6(85:19 \\ manufactured (1) \\ 15:9 \\ manufacturer (1) \\ 47:24 \\ manufacturer (1) \\ 47:24 \\ manufacturer (1) \\ 47:24 \\ manufacturer (1) \\ 13:102.7,9:103:4 \\ 47:24 \\ manufacturer (1) \\ 13:102.7,9:103:4 \\ meaning (1) \\ 53:12 \\ manufacturer (1) \\ 13:102.7,9:103:4 \\ meaning (1) \\ 53:12 \\ manu (6) \\ many (6) \\ 11:5;30:18;41:7,24; \\ 55:18,20 \\ maps (1) \\ 71:8,24;82:1;84:20 \\ 65:12,13 \\ 72:21 \\ market (2) \\ market (2) \\ market (2) \\ market (22) \\ market (2) \\ market (3) \\ market (2) \\ market (4) \\ meting (1) \\ 11:2,18:11;13:10,14 \\ meting (1) \\ 11:2,18:11;13:10,14 \\ meting (1) \\ 20:24 \\ 72:37;5;80:16;89:11, \\ minum (4) \\ 72:37;82;70;77;11;89:14;90:4; \\ 94:5 \\ 74:23;78:2 \\ 90:9;94:19,22;97;39 \\ members (13) \\ minute (4) \\ 72:37;82 \\ 70:23;71:18:81:1,17:50:18 \\ 71:2,18:41;41:58:52;71 \\ 70:23;71:18:41;41:64;75;42:3; \\ 70:15,177:13:80:2,11; \\ 70:23;71:18:81:1,10;41;43:41;41:58:22; \\ 70:23;71:18:81:41;41:64;75;42:3; \\ 70:15,177:13:80:2,11; \\ 70:23;71:18:81;41;41:64;75;42:3; \\ 70:15,177:13:80:2,11; \\ 70:23;71:18:81;41;41:64;75;42:3; \\ 70:15,177:13:80:2,11; \\ 70:23;71:18:81;41;41:64;75;42:3; \\ 70:15,177:13:80:2,11; \\ 70:23;71:18:81;41;41:64;75;42:3; \\ 70:15,177:13:80:2,11; \\$	50:4			30:7,8,9;32:8;33:10;	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	manner (2)	· · · · · · · · · · · · · · · · · · ·		34:1;39:12;53:4,6;55:8;	
15:9       71:3;76;7,24;81:5;       Mill (13)       95:3;96:5       16:14         manufacturer (1)       89:13;97:14;21;99:12,       14:16,17;15:2;16:12;       morning (9)         11:2;18:19,21:5;       26:19;27:13;13;39:15;       22:24;23:16,23;28:11;       77:3         many (6)       meaning (1)       53:12       89:14       31:19:10:611       70:2;75:5         many (6)       meaning (1)       53:7       25:14,15:63:22:64:8;       29:5;32:18;42:7;       32:19:41:2;51:11;         55:18,20       means (6)       66:5;7;67:7,23;68:9;       motion (5)       meecsary (4)         17:4       85:1;86:18       70:8,12:71:3,9,23;24;       motin (5)       meed (14)         17:4       85:1;86:18       70:8,12:71:3,9,23;24;       motin (5)       meed (4)         39:22;40:1;57:10:95:7;       72:21       25:16       motins (1)       39:22;40:1;57:10:95:7;         market (2)       meeting (1)       27:2;70:7;71:1,1;3;       move (8)       94:5       94:5         market (2)       11:3,11:13:10,14       Mills (5)       94:6       94:5       16:14,45:2,7;49:14;         25:14;28:22;30:1;       12:24:31:17       72:27:07:71:1,13;       move (4)       17:12;23:16,17:44:7;       16:18;45:2,7;49:14;       15:19;78:9;14;91:25:7;80:16;88:11,17       16:18;4				57:14;77:13;87:19,19,	
manufacturer (1) $9:13:97:14,21:99:12,$ $13:102:7,9:103:4$ manufacturing (4) $14:16,17;15:21:61:12,$ $26:19:27:13:13:39:15;$ $11:2;18:19:21:5;$ $22:24:23:16,23:28:1;$ $22:24:23:16,23:28:1;$ $22:24:23:16,23:28:1;$ $22:24:23:16,23:28:1;$ $22:24:23:16,23:28:1;$ $22:24:23:16,23:28:1;$ $22:24:23:16,23:28:1;$ $22:24:23:16,23:28:1;$ $31:19:106:11$ mecessary (4)many (6)meaningful (1)million (34) $25:14,15:63:22;64:8;$ $65:17:17:23;68:0;$ $89:14$ mecessary (4) $22:32:18;42:7;$ $32:19:44:25;11:11;$ $53:7$ $65:18,20$ means (6) $65:5,7:67:7:23;68:0;$ $89:14,15:63:22;64:8;$ $17:4$ $85:1;86:18$ $70:8,127:12,39,23,24;$ $17:18,24:82:1;84:20;$ $65:12,13$ $72:21$ $72:21$ $22:77:35;80:16;89:11,70:9:1617:24;18:211:3,11;13:10,1417:90:1611:3,117;57:18,195:77;14;81:14;91:14;21;17:24;18:225:14;28:22;30:1;25:14;28:22;30:1;25:14;28:22;30:1;25:14;28:22;30:1;25:14;28:22;30:1;20:2472:372:3;78:20;1772:294:1572:294:1550:10,16;51:16;53:24;50:10,16;51:16;53:24;50:10,16;51:16;53:24;50:10,16;51:16;53:24;50:10,16;51:16;53:24;50:10,16;51:16;53:24;50:10,16;51:16;53:24;71:23;41:14,15;45:23;11:10,112111:10,20:18:15:20;11:10,1121;11:10,20:18:15:20;11:10,1121;11:10,20:18:15:20;11:10,1121;11:10,20:18:15:20;11:10,1121;11:10,20:18:15:20;11:10,1121;11:10,20:18:15:20;11:10,118:10;11:10,20:18:15:20;11:10,118:10;11:10,20:18:15:20;11:10,118:10;11:10,20:18:15:20;11:10,118:10;11:10,20:18:15:20;11:10,118:10;11:10,20:18:15:20;11:10,118:10;11:10,20:18:15:20;11:10,118:10;11:10,114;11:10,20:18:15:20;11:10,114;<$					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					
$\begin{array}{l c c c c c c c c c c c c c c c c c c c$					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					
many (6)         meaningful (1)         million (34)         most (5)         necessary (4)           11:5;30:18;41:7,24;         53:7         25:14,15;63:22;64:8;         29:5;32:18;42:7;         32:19;41:2;51:11;           maps (1)         71:8,24;82:1;84:20;         69:10,14,16,18,22,24;         motion (5)         nece(14)           17:4         85:1;86:18         70:8,12:71:2,3,9,23,24;         18:11;21:2,7,12;45:1         39:22;40:1;52:1;66:18;           March (2)         meant (1)         72:11,73:16,19;76:9,21,         40:22         69:11,75:15;78:10;95:7;           marked (2)         meeting (4)         40:13,17         67:67:77:11;89:14;90:4;         96:11011:18;106:1           72:21         25:16         millions (2)         20:20;37:16;44:22;         69:11;01:18;106:1           72:3         market (2)         meetings (1)         27:2;70:7,71:11,13;         71:8;38:13,17;50:18         Needleman (32)           72:54;42:2,3,3;96:23;         meegawatt (1)         minum (4)         50:6;86:8,10,17         move (4)         50:10,16;51:16;53:24;           71:21;84:14,15;85:23;         20:6         33:9         minute (4)         28:1;2:48:27:16,22;         99:3,16,19           90:9;9:4:19,22:97:3.9         Mel (1)         minute (2)         38:21         30:4         43:14,16,17					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					
maps (1)       71:8,24;82:1;84:20;       69:10,14,16,18,22,24;       motion (5)       need (14)         17:4       85:1;86:18       70:8,12;71:2,3,9,23,24;       18:11;21:2,7,12;45:1       21:24;33:8;34:17;         March (2)       meant (1)       72:11;73:16,19;76:9,21,       40:22       69:11,75:15;78:10:95:7;         mark (1)       medium (1)       17:90:16       move (8)       96:1;101:18;106:1         27:21       25:16       millions (2)       20:20;37:16;44:22;       needed (4)         marked (2)       meeting (4)       40:13,17       67:6;77:11;89:14;90:4;       25:18;32:10;43:13;         17:24;18:2       11:3,11;13:10,14       Mills (5)       94:6       94:5         market (22)       meetings (1)       27:2;70:7;71:1,13;       move (4)       Needleman (32)         25:14;28:22;30:1;       20:24       72:3       37:18;38:13,17;50:18       17:12;23:16,17;44:7,         45:5;77;86:20;87:11,12;       13:9       26:12;80:17       72:2;94:15       50:10,16;51:16;53:24;         97:1,10;101:21       market (3)       minimum (4)       moves (4)       54:12,17,22;55:9,12;         97:1,10;101:21       14:9;15:6;32:16       50:6;86:8,10,17       70:2;37:116;95:7,9       15;19;78:9,14;79:2,24;         90:9;9:4:19,22;97:3,9       Melt (1)       <					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					
$\begin{array}{l c c c c c c c c c c c c c c c c c c c$					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					
mark (1)medium (1) $17;90:16$ move (8) $96:1;101:18;106:1$ 27:2125:16millions (2) $20:20;37:16;44:22;$ needed (4)marked (2)meeting (4) $40:13,17$ $67:6;77:11;89:14;90:4;$ $25:18;32:10;43:13;$ $11:3,11;13:10,14$ Mills (5) $94:6$ $94:5$ market (2)meetings (1) $27:2;70:7;71:1,13;$ $moved (4)$ Needleman (32) $25:14;28:22;30:1;$ $20:24$ $72:3$ $37:18;38:13,17;50:18$ $17:12;23:16,17;44:7,$ $43:16,19;69:13;71:3,17;$ megawatt (1)mind (2)movement (2) $16,18;45:2,7;49:14;$ $85:7,7;86:20;87:11,12;$ $13:9$ $26:12;80:17$ $72:2;94:15$ $50:10,16;51:16;53:24;$ $97:1,10;101:21$ markets (9)Met (1)minum (4)moves (4) $54:12,17,22;55:9,12;$ $97:1,10;101:21$ $11:9;15:6;32:16$ $50:6;86:8;10,17$ $70:23;71:16;95:7,9$ $56:18,20;57:11,18;58:2;$ $90:9;94:19,22;97:3,9$ Met (1)minus (1)much (27) $15,19;78:9,14;79:2,24;$ $71:21;84:14,15;85:23;$ $20:6$ minute (4) $28:21;30:20;37:1;40:18,$ $43:14,16,17$ $17:14$ $19:3,18;20:1;22:10;$ minute (2) $22;46:15,15;54:23;$ $30:4$ Massachusetts (4) $24:15;26:12;28:2;43:24;$ $77:23;78:2$ $76:15;77:13;80:2,11;$ $30:4$ $94:17,19,22,23$ $100:14$ miscellaneous (1) $89:12;94:8;97:22;$ $a9:12$ $92:6$ $11:6$ mismanaged (1)muddy (1)negatives (1) $astch (1)$ mettion (2) $38:21$ $38:5$					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					
marked (2)meeting (4) $40:13,17$ $67:6;77:11;89:14;90:4;$ $25:18;32:10;43:13;$ $17:24;18:2$ $11:3,11;13:10,14$ Mills (5) $94:6$ $94:5$ market (22)meetings (1) $27:2;70:7;71:1,13;$ moved (4)Needleman (32) $25:14;28:22;30:1;$ $20:24$ $72:3$ $37:18;38:13,17;50:18$ $17:12;23:16,17;44:7,$ $43:16,19;69:13;71:3,17;$ megawatt (1)mind (2) $37:18;38:13,17;50:18$ $17:12;23:16,17;44:7,$ $85:7,7;86:20;87:11,12;$ $13:9$ $26:12;80:17$ $72:294:15$ $50:10,16;51:16;53:24;$ $97:1,10;101:21$ $14:9;15:6;32:16$ $50:6;86:8,10,17$ $70:23;71:16;95:7,9$ $56:18,20;57:11,18;58:2,3$ $90:9;94:19,22;97:3,9$ Mel (1)minus (1)moves (4) $54:12,17,22;55:9,12;$ $90:9;94:19,22;97:3,9$ Mel (1)minute (4) $28:21;30:20;37:1;40:18,$ $as:4,16,17$ $17:14$ $19:3,18;20:1;22:10;$ minute (4) $22:46:15,15;54:23;$ $99:3,16,19$ Martin (1) $11:10,20;18:15,20;$ $63:18;77:20,23;92:14$ $19:1;24:8;27:16,22;$ $99:3,16,19$ $17:14$ $24:15;26:12;28:2;43:24;$ $77:23;78:2$ $76:15;77:13;80:2,11;$ $30:4$ $94:17,19,22,23$ $100:14$ miscellaneous (1) $89:12;94:8;97:22;$ $negative (1)$ $16:1$ methorship (1) $18:11$ $103:15;104:5,12$ $39:12$ $29:6$ $11:6$ mismanaged (1) $38:51$ $30:4$ $12:224$ $46:3;53:11$ $38:21$ $38:5$ $60:1$ $28:24$ $46:3;53:11$ $missing (1)$					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					
market (22)meetings (1) $27:2;70:7;71:1,13;$ 72:3moved (4)Needleman (32) $25:14;28:22;30:1;$ $20:24$ $72:3$ $37:18;38:13,17;50:18$ movement (2) $17:12;23:16,17;44:7,$ $16,18;45:2,7;49:14;43:16,19;69:13;71:3,17;85:7,7;86:20;87:11,12;megawatt (1)mind (2)37:18;38:13,17;50:18movement (2)17:12;23:16,17;44:7,16,18;45:2,7;49:14;85:7,7;86:20;87:11,12;88:5;94:2,2,3,3;96:23;97:1,10;101:21megawatts (3)minimum (4)move (4)54:12,17,22;55:9,12;50:6;86:8,10,17markets (9)Mel (1)minus (1)much (27)15,19;78:9,14;79:2,24;90:9;94:19,22;97:3,9members (13)minute (4)Martin (1)11:10,20;18:15,20;17:12,82:14;22:10;63:18;77:20,23;92:1419:3,18;20:1;22:10;89:12;94:8;97:22;30:49eits (3)Massachusetts (4)94:17,19,22,2324:15;26:12;28:2;43:24;11:677:23;78:211:676:15;77:13;80:2,11;89:12;94:8;97:22;39:1230:418:11match (1)29:6menton (2)11:638:2138:511:660:118:11matchs (1)28:24menton (2)45:17;46:3;47:7;49:8;35:16;46:19;51:4;38:2138:5100:2260:1100:2295:14,1595:1095:10100:2295:14,15100:2495:14,159:10$			,		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					
85:7,7;86:20;87:11,12; $13:9$ $26:12;80:17$ $72:2;94:15$ $50:10,16;51:16;53:24;$ $88:5;94:2,2,3,3;96:23;$ $megawatts (3)$ $14:9;15:6;32:16$ $minimum (4)$ $moves (4)$ $54:12,17,22;55:9,12;$ $97:1,10;101:21$ $14:9;15:6;32:16$ $50:6;86:8,10,17$ $70:23;71:16;95:7,9$ $56:18,20;57:11,18;58:2,$ $markets (9)$ $Mel (1)$ $minus (1)$ $much (27)$ $15,19;78:9,14;79:2,24;$ $71:21;84:14,15;85:23;$ $20:6$ $33:9$ $19:1;24:8;27:16,22;$ $99:3,16,19$ $90:9;94:19,22;97:3,9$ $members (13)$ $minute (4)$ $28:21;30:20;37:1;40:18,$ $a3:14,16,17$ $17:14$ $19:3,18;20:1;22:10;$ $minutes (2)$ $22;46:15,15;54:23;$ $negative (1)$ $Massachusetts (4)$ $24:15;26:12;28:2;43:24;$ $77:23;78:2$ $76:15;77:13;80:2,11;$ $30:4$ $94:17,19,22,23$ $100:14$ $miscellaneous (1)$ $89:12;94:8;97:22;$ $negatives (1)$ $match (1)$ $membership (1)$ $18:11$ $103:15;104:5,12$ $39:12$ $29:6$ $11:6$ $mismanaged (1)$ $38:5$ $60:1$ $match (1)$ $mention (2)$ $38:21$ $38:5$ $60:1$ $28:24$ $46:3;53:11$ $missing (1)$ $multiply (2)$ $negotiation (1)$ $material (5)$ $35:16;46:19;51:4;$ $100:22$ $95:14,15$ $59:10$ $45:17;46:3;47:7;49:8;$ $35:16;46:19;51:4;$ $misspoken (1)$ $must (4)$ $New (56)$					
$\begin{array}{llllllllllllllllllllllllllllllllllll$					50:10,16;51:16;53:24;
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		megawatts (3)			
markets (9) $71:21;84:14,15;85:23;$ $90:9;94:19,22;97:3,9$ Mel (1) $20:6$ minus (1) $33:9$ much (27) $19:1;24:8;27:16,22;$ $28:21;30:20;37:1;40:18,$ $19:41:10,14,15;43:13,$ $10:21,12,12,11,13,12,12,11,13,12,12,11,13,12,12,11,13,12,12,11,13,12,12,11,13,12,12,11,13,12,12,11,13,12,12,11,13,12,12,11,13,12,12,11,13,12,12,11,13,12,12,11,13,13,12,12,11,13,13,12,12,11,13,13,12,12,11$					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	markets (9)	Mel (1)	minus (1)	much (27)	15,19;78:9,14;79:2,24;
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		20:6		19:1;24:8;27:16,22;	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	90:9;94:19,22;97:3,9			28:21;30:20;37:1;40:18,	
Massachusetts (4)24:15;26:12;28:2;43:24;77:23;78:276:15;77:13;80:2,11;30:494:17,19,22,23100:14miscellaneous (1)89:12;94:8;97:22;negatives (1)match (1)membership (1)18:11103:15;104:5,1239:1229:611:6mismanaged (1)muddy (1)negotiated (1)matches (1)mention (2)38:2138:560:128:2446:3;53:11missing (1)multiply (2)negotiation (1)material (5)mentioned (4)100:2295:14,1559:1045:17;46:3;47:7;49:8;35:16;46:19;51:4;misspoken (1)must (4)New (56)	Martin (1)				
94:17,19,22,23100:14miscellaneous (1)89:12;94:8;97:22;negatives (1)match (1)membership (1)18:11103:15;104:5,1239:1229:611:6mismanaged (1)muddy (1)negotiated (1)matches (1)mention (2)38:2138:560:128:2446:3;53:11missing (1)multiply (2)negotiation (1)material (5)mentioned (4)100:2295:14,1559:1045:17;46:3;47:7;49:8;35:16;46:19;51:4;misspoken (1)must (4)New (56)					0
match (1)membership (1)18:11103:15;104:5,1239:1229:611:6mismanaged (1)muddy (1)negotiated (1)matches (1)mention (2)38:2138:560:128:2446:3;53:11missing (1)multiply (2)negotiation (1)material (5)mentioned (4)100:2295:14,1559:1045:17;46:3;47:7;49:8;35:16;46:19;51:4;misspoken (1)must (4)New (56)	Massachusetts (4)				
29:611:6mismanaged (1)muddy (1)negotiated (1)matches (1)mention (2)38:2138:560:128:2446:3;53:11missing (1)multiply (2)negotiation (1)material (5)mentioned (4)100:2295:14,1559:1045:17;46:3;47:7;49:8;35:16;46:19;51:4;misspoken (1)must (4)New (56)					5
matches (1) 28:24mention (2) 46:3;53:1138:21 missing (1)38:5 multiply (2)60:1 negotiation (1)material (5) 45:17;46:3;47:7;49:8;mentioned (4) 35:16;46:19;51:4;100:22 misspoken (1)95:14,15 must (4)59:10 New (56)					
28:2446:3;53:11missing (1)multiply (2)negotiation (1)material (5)mentioned (4)100:2295:14,1559:1045:17;46:3;47:7;49:8;35:16;46:19;51:4;misspoken (1)must (4)New (56)					5
material (5) 45:17;46:3;47:7;49:8;mentioned (4) 35:16;46:19;51:4;100:22 misspoken (1)95:14,15 must (4)59:10 New (56)					
45:17;46:3;47:7;49:8; 35:16;46:19;51:4; misspoken (1) must (4) New (56)					
				,	
JU.4         U1.14         I2.21         I2.310,21.10,55.16         I114,12.11,17,19;					
	JU.T	01.17	12.21	22.3,10,27.10,33.10	11.7,12.11,17,12,

13:2,10;14:7,12;15:24;	77:1;81:6,8;83:18;84:5;	only (9)	94:5	17:10;20:16;22:3,9,
16:3,5,6,13;17:17,20;		13:6;30:3;40:2;45:19;	overhead (3)	16;23:7,14;26:4;35:4,5,
	85:15;86:14;87:7;94:12;			
25:13,14;29:20;30:6;	96:11,14	46:5;52:15;71:15;77:15;	16:8,21;17:1	7;49:23;51:2;52:2,16;
31:4;32:5,9,14,15;33:10,	numbers (4)	85:15	overlap (1)	53:4;55:5,6;105:24
20;34:3,15,18,22;35:4,8;	74:20;91:18,22;96:10	on-site (2)	93:18	pass (1)
37:6,8;40:19;41:6;42:8;	numerous (1)	26:21;43:9	overlapped (1)	98:24
43:14,16;46:12;48:1;	30:11	<b>Oot</b> (14)	93:19	passed (1)
49:22;55:17;56:7;61:20;	nutrients (1)	17:13;24:2,2;54:9,11,	overlapping (1)	68:20
67:3;70:24;86:13;89:13,	86:23	11,19;58:21,22,24;	93:15	past (3)
14;91:15,16,16,17;	00.20	60:11,19,23;61:5	oversee (1)	18:12;21:4;52:19
94:12;102:4	0	open (1)	105:6	Patch (4)
NewCo (2)	0	20:17	own (7)	27:23;28:1,2;31:8
	- <b>b t</b> - <b>c t</b> (1)			
105:11,16	object (1)	operate (5)	28:22;29:9;46:19;	patents (1)
newspaper (1)	70:10	14:5,8;28:12,23;29:9	49:11;90:12,12;101:13	36:21
13:14	objection (3)	operated (2)	owner (1)	Patnaude (1)
Next (11)	21:5;44:19;70:15	16:5;29:22	39:9	22:15
22:3;27:22;34:5;	objections (1)	<b>Operating (3)</b>		Paul (2)
38:22;40:16;64:7;76:8,	34:16	47:1;70:7;71:13	Р	24:16;41:19
9;81:24;84:8;94:3	obtain (1)	operation (6)		pause (1)
Noble (1)	41:1	26:17;27:13;29:13;	packages (1)	21:21
40:20	obviously (2)	87:15;105:7,13	49:24	pay (5)
nobody (1)	52:8;53:9	Operations (1)	Page (21)	101:12,20,22;102:10;
89:4	occupation (1)	12:19	63:4,7,7;65:14,16,18,	101.12,20,22,102.10, 103:2
	62:7			
nodding (1)		opportunities (1)	20;67:10;68:13;72:15,	paying (2)
77:2	off (2)	90:10	16,22;73:1;80:15,18,20,	102:6,6
nominally (2)	21:16;53:14	opportunity (5)	21;92:11,13;105:3,5	payment (1)
14:9;15:5	offer (2)	21:19;28:13;31:5;	pagers (1)	101:13
none (2)	28:10,14	49:20;52:10	21:16	pays (2)
44:3;91:16	offers (1)	oral (1)	paid (4)	102:12,23
non-responsive (1)	31:1	53:15	100:18;101:7,10,15	pellet (3)
70:11	Office (5)	Order (10)	Pamela (1)	90:18;91:17;94:12
Norman (3)	12:13,17;33:18;34:6,7	13:11;14:5;19:13,22;	60:14	people (11)
62:1,8,20	officer (2)	20:7;21:6;49:19;52:16,	panel (2)	26:21,21;41:10,24;
north (9)	38:3;47:1	19;53:6	19:10;49:15	42:12,18,22;52:11;53:7;
16:17;71:19;82:4,22;	official (1)	orderly (1)	paper (10)	94:6;97:3
		21:10		-
83:4,7;84:1;90:4,20	26:2		13:16;16:12;31:3;	per (12)
northeast (6)	officials (1)	organization (1)	70:7;84:16,17,22,24;	32:17;63:22;73:9,14;
15:1;29:10;55:21;	22:6	37:18	85:10;89:14	76:3;81:3,20;93:4,9;
70:23;71:18;95:9	offset (1)	original (1)	Paperboard (1)	99:1;101:6,9
northern (3)	33:4	77:9	27:2	percent (25)
14:21;26:24;40:19	oil (2)	originally (2)	paragraph (6)	32:12;56:2;67:16,16;
Northrup (2)	15:12;33:5	47:12;70:6	65:23;72:8,13,14;	68:6;69:7;74:3;84:10,
12:16,16	old (3)	<b>Orr</b> (1)	73:5;80:17	10;86:2,5,18,18,19;87:1,
northwest (1)	26:18;39:17;41:20	28:3	parameters (1)	2,5,22,22;88:1,1,4,7;
14:24	oldest (2)	others (2)	29:7	93:8;95:14
note (9)	37:15;39:9	33:24;104:4	paramount (1)	percentage (1)
20:15;21:4,11;22:1,	Once (6)	otherwise (1)	30:15	27:5
15;45:22;52:13,18;		14:2		percipitator (2)
	20:3,18;52:11;60:3;		paraphrase (2)	
103:20	77:9;88:5	out (18)	66:2;69:3	15:19;45:22
Notice (6)	one (25)	25:7,10;36:6;37:16,	parcel (1)	perhaps (1)
13:11,13,16;31:21,22;	13:6;18:24;32:22;	18;39:3;40:22;41:1;	38:22	50:2
68:10	37:12;38:18;39:9;40:18;	43:7;48:9;55:17;63:19;	part (5)	period (1)
notion (1)	41:7,21,23,23;42:18;	68:19;72:3;74:24;75:23;	13:19;57:5;82:12;	18:14
34:22	47:9;49:21;50:3,16;	86:21;104:22	84:18;85:3	perished (1)
NovelEdge (1)	55:19;56:18;60:21;	outcome (1)	parte (1)	41:11
36:20	61:15;64:14;91:20;	29:19	22:8	permit (2)
NOx (1)	93:13;97:4;103:9	outer (2)	participate (2)	18:14;56:11
32:23	one-page (1)	26:22,23	17:21;18:7	permitting (1)
number (27)	17:22	outside (1)	participated (1)	26:17
11:8;13:7;25:20;		22:2	59:9	perpetuity (1)
	ones (1)			
44:23;50:18;59:17,20;	42:7	over (9)	particular (4)	42:12
61:2;65:4;70:3;71:15;	ongoing (1)	11:19;26:16,21;30:23;	38:15,24;53:3;64:19	person (1)
73:20,24;74:9,15;75:10;	29:12	41:8;61:8;64:7;90:17;	parties (19)	90:20
				l

personal (4) 26:2:31:14:41:16: 43:12 personally (4) 38:23;42:17;43:20; pm (1) 55:22 personnel (2) 11:9:48:7 persons (1) 19:4 pertaining (2) 48:17:51:4 Peter (5) 17:9,13;23:23;24:2; 54:11 petition (8) 21:6;32:1,13;33:15, 17;34:5;35:2;38:9 petitions (1) 14:2 philosophy (1) 28:24 photographs (1) 17:4phrase (1) 63:23 picture (2) 39:23;84:2 piercing (1) 40:22 pipe (1)16:11 placed (2) 17:23;24:23 plan (4) 22:24;42:24;43:6; 60:13 Planner (1) 12:17 Planning (2) 12:17;48:3 plans (1) 17:4 plant (29) 27:3;32:23;34:18; 39:11,17;42:16;43:1,15, 17;70:2,6,13;71:19; 75:1;77:9;84:22;85:3,5, 9,13;88:17,17,17;90:5, 18;93:1,3,16;100:20 plants (12) 40:7,8,9;70:9;85:17; 89:1;93:18,19;94:9,13, 19;98:8 please (26) 11:21;21:15;22:1,17, 20;23:10,14;24:13,14; 31:18;35:15;36:4;44:6; 45:9,23;46:23;48:23; 63:3:65:8.14:72:15: 78:24;92:13;100:8,15; 104:20 pleased (3)

24:24;48:14;56:15 84:16 Pre-EPC (3) plus (4) 70:13:74:21:77:3; 78:17;79:15,18 85:11 prefer (2) 56:12;82:9 106:12 prefiled (5) point (14) 19:9;45:13,14;47:4; 49:7 11:9;19:5;36:6;46:16; Prehearing (3) 47:8,18;49:15,19;51:14; 52:1;64:11;79:9,12; 13:12:44:20:54:14 91:14 premarked (1) policies (1) 44:21 86:24 prepared (5) Policy (9) 46:13;48:16;50:22; 12:22;46:8;56:9,21; 82:23:86:15 presence (1) 57:8,15,17;60:24;86:13 politicians (1) 28:18 41:13 present (10) pollution (3) 11:11;19:8,10,12,20; 15:17;32:3,8 20:4,6;34:19;54:14,17 population (1) presentation (1) 39:18 44:6 Portfolio (2) presented (2) 56:6:61:21 20:3;56:10 portion (12) presenting (1) 70:20 15:2;16:8,13,18,23; 17:1;19:6,7;20:19;44:4; presently (1) 99:9,20 32:11 Portions (2) Preservation (1) 16:7:99:7 12:13 position (6) President (5) 25:22:45:9:46:23: 31:20:45:10:47:1: 48:24:51:6.17 49:2:59:2 positive (2) press (2) 22:4,9 31:1;56:14 positives (1) presumably (2) 39:12 34:9:53:11 possible (4) pre-trial (1) 23:11;53:1;55:10;74:6 34:7 possibly (2) pretty (5) 74:5:87:16 66:5;75:8;76:4;83:21; potential (1) 106:8 22:8 prevails (1) power (21) 33:23 14:10;15:6;17:14; previous (1) 19:16,24;20:4,5;24:7; 82:10 28:24;29:6,14;30:16; previously (5) 31:15;49:23;52:19; 33:22;40:15,20;56:3,5; 61:11,17;93:2;103:14 85:8,13 **PPA (8)** price (13) 61:15:98:17,23:99:5, 30:14:39:13,15:96:21; 23;100:2,3;101:3 97:16;98:19;99:1; practice (1) 100:20;101:8;102:14,18, 22.23 38:10 pricing (1) practices (1) 86:22 101:19 precisely (3) primary (6) 78:17:79:3.12 15:11;64:4;69:18; precluding (1) 70:1,3;95:11 55:6 Principal (1) prediction (1) 12:16 96:23 principles (1) predominantly (1) 25:3

prison (1) 42:8 Prisons (1) 42:6 private (1) 41:19 probably (6) 23:4,6;77:17,24; 103:13;106:8 problem (2) 42:17,21 procedural (1) 55:1 procedure (1) 18:9 proceed (8) 19:6;22:24;44:17; 51:21;52:23;58:19; 100:12,15 proceeding (20) 18:10,16:20:19,21; 21:13;22:5;23:7;24:10; 29:20;31:6;44:4;46:14; 49:12;50:15,24;51:8; 57:4;59:12,15;90:15 Proceedings (12) 13:12;17:8,11,21; 18:7;21:11;22:11;23:3; 33:23;46:20;48:17;59:6 process (22) 20:15:22:19:30:17; 32:9.12.14.15.22:33:10. 16:35:4,17,19:36:2,12, 21;48:11;54:7;55:2; 76:8;88:15;89:7 processes (1) 36:22 processing (1) 84:23 procure (1) 56:8 procurement (8) 26:22;46:8;56:9,21; 57:8,14,17;58:8 procuring (1) 98:8 produce (4) 32:16,20;34:23;39:12 produced (3) 30:1;84:14;97:5 producing (1) 32:7 product (5) 33:6;85:8,11;89:2,10 production (1) 14:20 Products (6) 55:17,18;58:12;63:1; 84:13;94:11 project (44) 24:21,22;25:3,4,13,17, 18,20;26:6,20;27:6,9; 29:12,14,15,16,24;30:2,

4,16,16,18;34:18,20; 36:23;37:7;38:19;41:5; 42:13:47:10,12,18,23; 48:6,8,9,13;50:5;56:14; 63:2;69:4;88:6;105:7,13 projects (9) 25:21;29:1,5,10,13; 30:5,8,11:48:2 prompt (1) 21:10 promptly (1) 52:9 properly (2) 34:12,14 properties (1) 43:1property (1) 42:15 proposal (2) 33:19;42:9 propose (2) 35:5;101:3 proposed (15) 14:21;15:6;16:3,23; 32:16;50:23;54:7,15; 56:22;58:1;59:11,14,16; 60:20;70:6 proposes (4) 14:8;15:3,8,21 prosperity (2) 30:9,22 protecting (1) 42:11 protocols (1) 86:8 proven (2) 32:6;34:23 provide (11) 27:20;29:12;31:6; 47:15:48:10:51:7.17; 54:24:58:9:61:18: 105:11 provided (7) 14:12;49:23;50:1,20; 56:3,7;104:1 provider (1) 105:18 provides (1) 47:18 providing (3) 11:12:14:14:24:22 provision (3) 56:22;57:3;102:9 proximity (5) 37:11;39:14;42:16; 88:18;94:18 **PSNH (13)** 16:6,22;92:18;93:2; 99:1,2;100:19,20;101:7, 10,16;102:18,23 PSNH's (1) 40:24 public (45)

			,	
11:3;12:22;13:12,13;	93:4,7	27:14	referred (4)	remove (1)
16:5;17:7,8;18:5,14,15,	rail (1)	recall (3)	14:17;57:8;79:14;	21:23
19,20;19:3,4,17;20:1,10,	16:16	63:18,24;95:12	99:17	removed (1)
12,18;21:12;22:4,9;	raise (2)	receive (1)	referring (4)	71:2
			64:6;81:16;99:9,20	
23:22,24;24:9;25:8;	18:21;51:18	43:19		render (1)
28:4,10;31:12,23;34:11;	raised (1)	received (1)	refers (1)	34:15
37:3;43:24;44:1,4;	31:16	17:22	63:23	renewable (7)
50:19;97:16;98:15,17;	range (14)	recess (5)	refined (1)	14:5;28:12,19,21;
99:10,11,13,15,18;	68:6;73:12;77:6;78:1;	35:2,5;78:2,3;105:23	73:11	40:18;56:6;61:20
102:12	83:19,20,22,24;86:2,4,	recessed (1)	refinement (1)	Renewables (1)
publication (1)	16;87:2;89:18,21	106:12	94:23	28:20
13:18	rat (1)	re-circulating (1)	refinements (1)	Reno (1)
publicly (1)	84:19	15:16	94:14	28:3
53:5	rate (1)	recirculation (1)	reflect (2)	renovate (1)
published (2)	40:14	15:18	101:5,9	15:21
13:14,16	ratepayers (1)	recognize (1)	regard (3)	repeat (3)
PUC (3)	34:2	22:14	28:10;61:13;67:5	33:2;35:13;98:21
12:23;13:2;99:7	rather (5)	recognizing (1)	region (2)	rephrase (1)
Pulp (13)	40:21;45:21;73:15;	52:1	30:22;31:4	88:9
14:16,20;16:11;26:19;	86:19;94:21	recollection (2)	Regional (2)	replenish (1)
	Raulerson (2)	84:6;95:18	12:22;29:7	86:23
27:1;84:16,17,22,22,23;	17:12;23:17	84:0;95:18 recommend (3)	regular (1)	
85:9;88:15;91:16			37:23	report (5)
pulpwood (2)	Raymond (1)	86:8,10;87:1		67:9;73:6;80:24;
67:16;85:11	19:13	recommendation (1)	reimburse (1)	81:17;105:17
Purchase (5)	reach (2)	86:14	98:18	reporter (4)
56:3,5;61:17;85:19;	51:1;95:4	reconsider (1)	reimbursed (3)	22:17;36:9;44:15;
103:14	reached (1)	88:19	100:19;101:16;103:1	82:15
purchased (2)	25:2	reconvene (1)	reimburses (1)	reporting (2)
38:17;42:6	reaches (2)	106:9	101:21	67:2;105:16
purpose (10)	26:23,23	record (16)	reinforced (1)	reports (1)
20:23,24;31:21;32:2;	reaching (1)	11:22;13:20;17:23;	16:11	66:12
33:13;64:10;67:19;	41:1	22:19;26:5;28:4,4;	reiterate (1)	represent (4)
91:19;102:17;103:9	read (16)	31:10;44:22;46:23;	75:5	31:23;37:7;59:6;99:12
Pursuant (1)	26:12,13;28:4;31:9;	48:24;52:18;76:19;78:7;	rejects (1)	representation (1)
31:24	66:2;67:12;72:14;73:5;	92:5;99:18	33:17	43:6
put (5)	76:18,18;80:22;81:8,10,	record's (1)	related (3)	representative (2)
32:5;42:10;43:6;	11,12;90:14	75:8	28:17;30:1;43:1	60:5;66:16
78:23;94:14	readily (1)	recovery (1)	relating (1)	represented (6)
putting (4)	82:13	47:13	78:12	17:7,11,13,15,17;
68:19;92:5;96:9;97:24	ready (2)	recreate (1)	relationship (1)	34:12
	29:24;74:9	42:12	98:1	representing (1)
Q	real (4)	red (1)	relative (1)	24:6
	39:3,9,21;40:2	105:10	32:10	request (3)
qualifier (1)	realignment (1)	redacted (1)	relied (1)	22:10;35:1;52:7
81:24				
	72:2	99:7		
			69:21	requesting (1)
quality (1)	realistic (1)	redeveloped (1)	69:21 relies (4)	requesting (1) 32:2
<b>quality (1)</b> 29:17	realistic (1) 64:9	redeveloped (1) 43:9	69:21 <b>relies (4)</b> 66:9,11,21,21	requesting (1) 32:2 requests (1)
quality (1) 29:17 quarter (3)	realistic (1) 64:9 reality (2)	redeveloped (1) 43:9 reduce (1)	69:21 relies (4) 66:9,11,21,21 relocating (1)	requesting (1) 32:2 requests (1) 52:9
<b>quality (1)</b> 29:17 <b>quarter (3)</b> 23:4;78:1;106:1	realistic (1) 64:9 reality (2) 27:6;96:1	redeveloped (1) 43:9 reduce (1) 32:10	69:21 relies (4) 66:9,11,21,21 relocating (1) 37:20	requesting (1) 32:2 requests (1) 52:9 require (1)
<b>quality (1)</b> 29:17 <b>quarter (3)</b> 23:4;78:1;106:1 <b>quasi-judicial (1)</b>	realistic (1) 64:9 reality (2) 27:6;96:1 really (12)	redeveloped (1) 43:9 reduce (1) 32:10 reduced (3)	69:21 relies (4) 66:9,11,21,21 relocating (1) 37:20 remain (6)	requesting (1) 32:2 requests (1) 52:9 require (1) 86:22
<b>quality (1)</b> 29:17 <b>quarter (3)</b> 23:4;78:1;106:1 <b>quasi-judicial (1)</b> 22:5	realistic (1) 64:9 reality (2) 27:6;96:1 really (12) 38:11;82:8;83:8;87:6;	redeveloped (1) 43:9 reduce (1) 32:10 reduced (3) 32:24;33:1,3	69:21 relies (4) 66:9,11,21,21 relocating (1) 37:20 remain (6) 57:1;63:21,23;64:5,8,	requesting (1) 32:2 requests (1) 52:9 require (1) 86:22 required (2)
<pre>quality (1)     29:17 quarter (3)     23:4;78:1;106:1 quasi-judicial (1)     22:5 quick (1)</pre>	realistic (1) 64:9 reality (2) 27:6;96:1 really (12) 38:11;82:8;83:8;87:6; 89:4;90:8,10;91:9;94:5;	redeveloped (1) 43:9 reduce (1) 32:10 reduced (3) 32:24;33:1,3 reducing (1)	69:21 relies (4) 66:9,11,21,21 relocating (1) 37:20 remain (6) 57:1;63:21,23;64:5,8, 16	requesting (1) 32:2 requests (1) 52:9 require (1) 86:22 required (2) 34:12;61:18
<pre>quality (1)     29:17 quarter (3)     23:4;78:1;106:1 quasi-judicial (1)     22:5 quick (1)     92:23</pre>	realistic (1) 64:9 reality (2) 27:6;96:1 really (12) 38:11;82:8;83:8;87:6; 89:4;90:8,10;91:9;94:5; 95:12;97:6;104:7	redeveloped (1) 43:9 reduce (1) 32:10 reduced (3) 32:24;33:1,3 reducing (1) 33:5	69:21 relies (4) 66:9,11,21,21 relocating (1) 37:20 remain (6) 57:1;63:21,23;64:5,8, 16 remained (1)	requesting (1) 32:2 requests (1) 52:9 require (1) 86:22 required (2) 34:12;61:18 requirements (1)
quality (1) 29:17 quarter (3) 23:4;78:1;106:1 quasi-judicial (1) 22:5 quick (1) 92:23 quickly (3)	realistic (1) 64:9 reality (2) 27:6;96:1 really (12) 38:11;82:8;83:8;87:6; 89:4;90:8,10;91:9;94:5; 95:12;97:6;104:7 real-world (1)	redeveloped (1) 43:9 reduce (1) 32:10 reduced (3) 32:24;33:1,3 reducing (1) 33:5 reduction (2)	69:21 relies (4) 66:9,11,21,21 relocating (1) 37:20 remain (6) 57:1;63:21,23;64:5,8, 16 remained (1) 85:14	requesting (1) 32:2 requests (1) 52:9 require (1) 86:22 required (2) 34:12;61:18 requirements (1) 47:20
<pre>quality (1)     29:17 quarter (3)     23:4;78:1;106:1 quasi-judicial (1)     22:5 quick (1)     92:23 quickly (3)     69:3;92:21;104:20</pre>	realistic (1) 64:9 reality (2) 27:6;96:1 really (12) 38:11;82:8;83:8;87:6; 89:4;90:8,10;91:9;94:5; 95:12;97:6;104:7 real-world (1) 94:15	redeveloped (1) 43:9 reduce (1) 32:10 reduced (3) 32:24;33:1,3 reducing (1) 33:5 reduction (2) 15:20;32:23	69:21 relies (4) 66:9,11,21,21 relocating (1) 37:20 remain (6) 57:1;63:21,23;64:5,8, 16 remained (1) 85:14 remaining (1)	requesting (1) 32:2 requests (1) 52:9 require (1) 86:22 required (2) 34:12;61:18 requirements (1) 47:20 research (2)
quality (1) 29:17 quarter (3) 23:4;78:1;106:1 quasi-judicial (1) 22:5 quick (1) 92:23 quickly (3) 69:3;92:21;104:20 quite (3)	realistic (1) 64:9 reality (2) 27:6;96:1 really (12) 38:11;82:8;83:8;87:6; 89:4;90:8,10;91:9;94:5; 95:12;97:6;104:7 real-world (1) 94:15 reason (5)	redeveloped (1) 43:9 reduce (1) 32:10 reduced (3) 32:24;33:1,3 reducing (1) 33:5 reduction (2) 15:20;32:23 refer (6)	69:21 relies (4) 66:9,11,21,21 relocating (1) 37:20 remain (6) 57:1;63:21,23;64:5,8, 16 remained (1) 85:14 remaining (1) 15:2	requesting (1) 32:2 requests (1) 52:9 require (1) 86:22 required (2) 34:12;61:18 requirements (1) 47:20 research (2) 70:4;86:12
<pre>quality (1)     29:17 quarter (3)     23:4;78:1;106:1 quasi-judicial (1)     22:5 quick (1)     92:23 quickly (3)     69:3;92:21;104:20</pre>	realistic (1) 64:9 reality (2) 27:6;96:1 really (12) 38:11;82:8;83:8;87:6; 89:4;90:8,10;91:9;94:5; 95:12;97:6;104:7 real-world (1) 94:15 reason (5) 69:23,24;70:20,22;	redeveloped (1) 43:9 reduce (1) 32:10 reduced (3) 32:24;33:1,3 reducing (1) 33:5 reduction (2) 15:20;32:23 refer (6) 14:1,4,6;67:18;	69:21 relies (4) 66:9,11,21,21 relocating (1) 37:20 remain (6) 57:1;63:21,23;64:5,8, 16 remained (1) 85:14 remaining (1) 15:2 remember (2)	requesting (1) 32:2 requests (1) 52:9 require (1) 86:22 required (2) 34:12;61:18 requirements (1) 47:20 research (2) 70:4;86:12 reserve (1)
quality (1) 29:17 quarter (3) 23:4;78:1;106:1 quasi-judicial (1) 22:5 quick (1) 92:23 quickly (3) 69:3;92:21;104:20 quite (3) 50:23;90:19;97:11	realistic (1) 64:9 reality (2) 27:6;96:1 really (12) 38:11;82:8;83:8;87:6; 89:4;90:8,10;91:9;94:5; 95:12;97:6;104:7 real-world (1) 94:15 reason (5) 69:23,24;70:20,22; 99:17	redeveloped (1) 43:9 reduce (1) 32:10 reduced (3) 32:24;33:1,3 reducing (1) 33:5 reduction (2) 15:20;32:23 refer (6) 14:1,4,6;67:18; 104:19;105:3	69:21 relies (4) 66:9,11,21,21 relocating (1) 37:20 remain (6) 57:1;63:21,23;64:5,8, 16 remained (1) 85:14 remaining (1) 15:2 remember (2) 26:13;58:10	requesting (1) 32:2 requests (1) 52:9 require (1) 86:22 required (2) 34:12;61:18 requirements (1) 47:20 research (2) 70:4;86:12 reserve (1) 38:22
quality (1) 29:17 quarter (3) 23:4;78:1;106:1 quasi-judicial (1) 22:5 quick (1) 92:23 quickly (3) 69:3;92:21;104:20 quite (3)	realistic (1) 64:9 reality (2) 27:6;96:1 really (12) 38:11;82:8;83:8;87:6; 89:4;90:8,10;91:9;94:5; 95:12;97:6;104:7 real-world (1) 94:15 reason (5) 69:23,24;70:20,22; 99:17 reasonable (2)	redeveloped (1) 43:9 reduce (1) 32:10 reduced (3) 32:24;33:1,3 reducing (1) 33:5 reduction (2) 15:20;32:23 refer (6) 14:1,4,6;67:18; 104:19;105:3 reference (4)	69:21 relies (4) 66:9,11,21,21 relocating (1) 37:20 remain (6) 57:1;63:21,23;64:5,8, 16 remained (1) 85:14 remaining (1) 15:2 remember (2) 26:13;58:10 remind (1)	requesting (1) 32:2 requests (1) 52:9 require (1) 86:22 required (2) 34:12;61:18 requirements (1) 47:20 research (2) 70:4;86:12 reserve (1) 38:22 reshape (1)
quality (1) 29:17 quarter (3) 23:4;78:1;106:1 quasi-judicial (1) 22:5 quick (1) 92:23 quickly (3) 69:3;92:21;104:20 quite (3) 50:23;90:19;97:11 <b>R</b>	realistic (1) 64:9 reality (2) 27:6;96:1 really (12) 38:11;82:8;83:8;87:6; 89:4;90:8,10;91:9;94:5; 95:12;97:6;104:7 real-world (1) 94:15 reason (5) 69:23,24;70:20,22; 99:17 reasonable (2) 90:20;91:8	redeveloped (1) 43:9 reduce (1) 32:10 reduced (3) 32:24;33:1,3 reducing (1) 33:5 reduction (2) 15:20;32:23 refer (6) 14:1,4,6;67:18; 104:19;105:3 reference (4) 61:15;79:10;82:14;	69:21 relies (4) 66:9,11,21,21 relocating (1) 37:20 remain (6) 57:1;63:21,23;64:5,8, 16 remained (1) 85:14 remaining (1) 15:2 remember (2) 26:13;58:10 remind (1) 64:19	requesting (1) 32:2 requests (1) 52:9 require (1) 86:22 required (2) 34:12;61:18 requirements (1) 47:20 research (2) 70:4;86:12 reserve (1) 38:22 reshape (1) 77:9
quality (1) 29:17 quarter (3) 23:4;78:1;106:1 quasi-judicial (1) 22:5 quick (1) 92:23 quickly (3) 69:3;92:21;104:20 quite (3) 50:23;90:19;97:11 <b>R</b> Rachlin (1)	realistic (1) 64:9 reality (2) 27:6;96:1 really (12) 38:11;82:8;83:8;87:6; 89:4;90:8,10;91:9;94:5; 95:12;97:6;104:7 real-world (1) 94:15 reason (5) 69:23,24;70:20,22; 99:17 reasonable (2) 90:20;91:8 reasons (3)	redeveloped (1) 43:9 reduce (1) 32:10 reduced (3) 32:24;33:1,3 reducing (1) 33:5 reduction (2) 15:20;32:23 refer (6) 14:1,4,6;67:18; 104:19;105:3 reference (4) 61:15;79:10;82:14; 100:24	69:21 relies (4) 66:9,11,21,21 relocating (1) 37:20 remain (6) 57:1;63:21,23;64:5,8, 16 remained (1) 85:14 remaining (1) 15:2 remember (2) 26:13;58:10 remind (1) 64:19 removals (8)	requesting (1) 32:2 requests (1) 52:9 require (1) 86:22 required (2) 34:12;61:18 requirements (1) 47:20 research (2) 70:4;86:12 reserve (1) 38:22 reshape (1) 77:9 resolve (1)
quality (1) 29:17 quarter (3) 23:4;78:1;106:1 quasi-judicial (1) 22:5 quick (1) 92:23 quickly (3) 69:3;92:21;104:20 quite (3) 50:23;90:19;97:11 <b>R</b> Rachlin (1) 17:14	realistic (1) 64:9 reality (2) 27:6;96:1 really (12) 38:11;82:8;83:8;87:6; 89:4;90:8,10;91:9;94:5; 95:12;97:6;104:7 real-world (1) 94:15 reason (5) 69:23,24;70:20,22; 99:17 reasonable (2) 90:20;91:8 reasons (3) 34:4;42:15;97:4	redeveloped (1) 43:9 reduce (1) 32:10 reduced (3) 32:24;33:1,3 reducing (1) 33:5 reduction (2) 15:20;32:23 refer (6) 14:1,4,6;67:18; 104:19;105:3 reference (4) 61:15;79:10;82:14; 100:24 referenced (3)	69:21 relies (4) 66:9,11,21,21 relocating (1) 37:20 remain (6) 57:1;63:21,23;64:5,8, 16 remained (1) 85:14 remaining (1) 15:2 remember (2) 26:13;58:10 remind (1) 64:19 removals (8) 66:22;67:5,7,11,14,17,	requesting (1) 32:2 requests (1) 52:9 require (1) 86:22 required (2) 34:12;61:18 requirements (1) 47:20 research (2) 70:4;86:12 reserve (1) 38:22 reshape (1) 77:9 resolve (1) 35:6
quality (1) 29:17 quarter (3) 23:4;78:1;106:1 quasi-judicial (1) 22:5 quick (1) 92:23 quickly (3) 69:3;92:21;104:20 quite (3) 50:23;90:19;97:11 <b>R</b> Rachlin (1)	realistic (1) 64:9 reality (2) 27:6;96:1 really (12) 38:11;82:8;83:8;87:6; 89:4;90:8,10;91:9;94:5; 95:12;97:6;104:7 real-world (1) 94:15 reason (5) 69:23,24;70:20,22; 99:17 reasonable (2) 90:20;91:8 reasons (3)	redeveloped (1) 43:9 reduce (1) 32:10 reduced (3) 32:24;33:1,3 reducing (1) 33:5 reduction (2) 15:20;32:23 refer (6) 14:1,4,6;67:18; 104:19;105:3 reference (4) 61:15;79:10;82:14; 100:24	69:21 relies (4) 66:9,11,21,21 relocating (1) 37:20 remain (6) 57:1;63:21,23;64:5,8, 16 remained (1) 85:14 remaining (1) 15:2 remember (2) 26:13;58:10 remind (1) 64:19 removals (8)	requesting (1) 32:2 requests (1) 52:9 require (1) 86:22 required (2) 34:12;61:18 requirements (1) 47:20 research (2) 70:4;86:12 reserve (1) 38:22 reshape (1) 77:9 resolve (1)

			,	
30:2	38:4	satisfied (1)	senior (4)	significant (4)
resource (2)	roads (1)	95:24	11:8;12:22;17:9;46:24	25:23;29:22;49:22;
30:10;31:2	41:10	satisfy (1)	sense (3)	53:3
<b>Resources (4)</b> 12:9,11,12;29:23	<b>roadways (1)</b> 41:14	87:11 saw (1)	87:18;94:20;105:23 sentence (3)	<b>significantly (1)</b> 30:9
Resources/Economic (1)	<b>Robidas (1)</b>	31:11	76:19,20;81:12	silence (1)
11:24	22:17	sawtimber (1)	sentences (1)	21:16
respect (19)	Rodier (43)	67:16	67:12	similar (2)
23:8;46:8;50:17;51:3,	17:15;24:6,6;61:8,9,	saying (19)	separate (1)	48:1,3
12,19,24;52:3;66:22;	12;64:21;65:1,5,10;	69:4,15,17;73:24;	106:14	simple (5)
78:11,15,16;85:1;91:9;	68:14,24;69:1;70:10;	76:21;82:18;83:8,10;	series (1)	73:16;76:13;95:20;
101:19;102:10,14;103:7,	72:4,6,18;77:12,15,21;	85:17;87:6,8,20;88:3;	17:3	97:2;98:7
18	78:7;80:2,6,10,13;82:16;	89:9;91:7;96:18,19;	serve (5)	simpler (1)
response (3) 44:2;84:14;85:7	92:8,10;99:9,11;100:6,9, 11,16;103:19,23;104:2,	101:20;102:20 schedule (1)	11:14,16,17;24:16; 42:20	82:17 simply (5)
responsibility (2)	7,11,17,18;105:19;106:4	20:23	Service (8)	70:22,24;71:8;97:2;
31:23;47:19	role (4)	schedules (1)	16:5;25:8;97:17;	103:2
responsible (3)	47:11,15,17;48:15	23:9	98:15,17;102:12;105:12,	Sin (2)
29:2;101:13;105:6	roles (1)	scheduling (1)	18	66:24;67:1
rest (1)	12:23	66:17	Services (5)	S-i-n (1)
103:21	ROLLINS (2)	Schiller (23)	11:15;12:8,15;29:12;	67:1
rested (1)	36:11,19	40:24;92:11,18;93:2,	49:2	sincerely (1)
19:19	room (5)	23;94:11,17;96:14,21;	<b>session (4)</b> 52:15;95:12;106:11,	41:5
result (1) 13:11	89:12,19;90:4,23; 106:7	97:17;98:3,6,11,20;99:2; 100:20,24;101:7,10,21;	13	<b>single (2)</b> 16:2;47:18
resulting (1)	rostrum (1)	100.20,24,101.7,10,21, 102:4,18,23	sessions (1)	sink (1)
32:8	24:13	Schiller's (1)	22:16	41:7
results (1)	rot (1)	96:18	set (3)	sit (3)
92:5	85:21	Schnipper (3)	25:19;68:15;85:18	25:9,9;51:8
resume (2)	Roth (10)	17:14;24:4,4	seven (1)	Site (30)
23:5;106:13	17:9;23:23,23;49:17,	School (3)	32:22	11:4,16;13:8,24;14:2,
resumed (3)	19;72:17;99:23;100:1,3,	41:20,21,22	several (4)	3,5,8,16,17,19,24;15:1,1,
78:4;79:1;80:12 retired (2)	10 Roughly (2)	schools (1) 55:22	20:16;21:14;32:5;48:7 shaped (1)	4,10;16:12,14,17;17:4; 24:24;26:19;27:13;
37:24;38:2	69:7;96:12	science (1)	71:5	28:11;33:14;37:9;43:9,
return (2)	round (5)	74:20	shed (3)	11,21;74:22
23:2;87:18	15:14;84:18,19,20;	scientists (1)	71:8,12;72:1	sitting (3)
revenue (3)	88:14	36:13	sheds (2)	22:6,13,17
43:14;87:19;88:22	route (3)	scope (1)	71:5;77:8	situation (4)
review (5)	16:16;38:14;94:18	79:20	Shelby (2)	87:7,10,12;95:8
14:12;34:15;35:4;	RSA (4)	seated (1)	16:17,19	six (3)
52:11,16	11:6;14:13,13;32:1	64:22 Second (7)	shift (2)	69:17;81:9;83:21
reviewing (1) 45:19	rudimentary (1) 92:23	21:22;35:15;65:7;	71:20;75:9 shifting (1)	<b>size (4)</b> 25:4,16;84:19;93:16
Richmond (1)	rule (1)	72:13,14;73:5;104:22	72:2	skiing (1)
94:10	52:8	section (3)	Short (1)	37:15
right (36)	run (3)	65:20;67:11;100:1	21:21	slightly (1)
11:20;22:2,13;31:17;	16:7,24;36:2	sector (1)	shortly (1)	73:20
38:9;50:3,4;58:17;	running (1)	29:10	51:18	slower (1)
67:23;69:16;75:11,14,	77:10	Seeing (1)	Show (4)	35:21
17;76:8,12;79:4;80:10;	runs (1)	44:3	18:23;88:5;97:3;99:11	small (3)
82:12;84:7;87:5,17;	14:24	<b>seek (1)</b> 78:11	<b>showcase (1)</b> 29:17	25:16;49:19;98:6
88:11,16;90:23;91:18; 95:23;96:3,7;97:9;98:9;	S	seeks (1)	shows (2)	<b>smaller (1)</b> 30:7
100:17;102:24;103:6;		15:24	85:5;87:11	Smith (1)
104:9;105:15,19	same (11)	seems (2)	shut (2)	23:19
rise (1)	16:9;39:14,15;41:10;	50:2;58:7	71:2,11	snafu (1)
24:21	51:18;57:8;76:24;80:21;	sees (2)	side (4)	75:16
rises (1)	99:1,6;100:20	37:13;93:1	14:21;16:4,21,22	socially (1)
24:22	sat (1)	selective (1)	Sierra (4)	29:2
River (1)	94:10	15:19	17:17,20,24;18:2	soils (1)
14:24 rivers (1)	satisfactory (1) 51:1	senators (1) 38:18	<b>signal (1)</b> 29:20	86:24 solar (1)
119015 (1)	J1.1	30.10	27.20	501a1 (1)

28:23sold (1) 39:16 solely (1) 22:12 somebody (7) 36:6;66:17;74:8; 82:19:90:6,14:99:14 somehow (1) 103:1 sometimes (1) 14:17 somewhere (1) 77:24 son (1) 41:22 soon (5) 23:10;29:24;54:24; 55:10.16 sorry (19) 20:10;32:14;58:3; 62:14;63:12;65:11,15; 68:4,23;72:16,21;83:18; 87:23;96:13;99:24; 102:8;104:2,9,22 source (5) 64:4;69:18;70:1,3; 95:11 south (2) 16:16:96:19 southern (2) 14:19:102:3 Spanish (1) 28:15 speak (7) 19:3;22:20,21;24:19; 40:4:41:18:56:12 speaking (2) 66:23;81:18 speaks (1) 30:12 specific (2) 67:4;78:23 specification (1) 61:22 specifications (1) 56:5 specificity (1) 54:23 spectrum (1) 89:3 speculative (1) 21:9 spell (1) 36:3 spend (1) 40:16 spent (1) 25:23 spoke (1) 66:24 sponsor (2)

	1.6.1
sponsors' (1)	16:1
40:11	Steve (1)
spring (2)	77:19
38:5,7	Steven (1)
stack (1)	22:15
40:21	Stewart (2)
stamp (1)	12:14,14
97:24	still (2)
stand (2)	51:5,14
44:9;106:9	stipulation (11)
Standard (1)	50:11;57:10,12,15;
61:21	59:11,14,24;60:3,7;61:2;
Standards (9)	91:20
56:7;73:10;81:4,21;	stipulations (7)
82:1;84:8,9,12;86:7	24:23;25:2;26:4;43:2;
standpoint (3)	46:7;60:13;61:3
43:13;54:8,8	Stock (1)
start (3)	48:1
29:24;39:5;85:6	stockpile (1)
starting (2)	85:21
23:15;98:1	stop (3)
start-up (1)	63:8;94:21;105:19
	stopped (1)
47:16	stopped (1)
State (17)	96:15
11:8,9,13;12:12;22:5;	store (1)
27:5;32:4;33:20;34:3;	15:23
35:8;39:23;45:9;46:23;	storm (1)
48:23;60:20;67:11;79:4	15:15
stated (1)	Street (8)
34:8	14:22,22,22;16:15,17,
statement (9)	19,20,21
18:6;24:11;26:10;	strength (1)
27:24;31:14;41:17;	27:11
89:23;97:2,13	strengthens (1)
statements (2)	47:18
24:12;31:12	Strickler (28)
States (7)	19:11;44:8,13;45:4;
28:18;29:11;30:6;	46:22,24,24;47:6,9;
67:3;86:14,18,24	48:18,22;51:15;75:12,
State's (1)	14,20;78:16;79:10,14;
11:14	104:12,16,19,21,23;
statewide (1)	105:2,4,9,15.17
statewide (1)	105:2,4,9,15,17
13:15	strong (1)
13:15	strong (1)
13:15 Station (8)	<b>strong (1)</b> 28:18
13:15 <b>Station (8)</b> 40:24;92:19;93:2,24;	strong (1) 28:18 structures (1)
13:15 <b>Station (8)</b> 40:24;92:19;93:2,24;	strong (1) 28:18 structures (1)
13:15 <b>Station (8)</b> 40:24;92:19;93:2,24; 98:11;99:2;101:7,11	<b>strong (1)</b> 28:18 <b>structures (1)</b> 14:18
13:15 <b>Station (8)</b> 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 <b>status (4)</b>	strong (1) 28:18 structures (1) 14:18 struggling (1)
13:15 <b>Station (8)</b> 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 <b>status (4)</b>	strong (1) 28:18 structures (1) 14:18 struggling (1)
13:15 <b>Station (8)</b> 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 <b>status (4)</b> 50:10,11;78:18;79:13	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3
13:15 <b>Station (8)</b> 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 <b>status (4)</b> 50:10,11;78:18;79:13 <b>statute (1)</b>	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5)
13:15 <b>Station (8)</b> 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 <b>status (4)</b> 50:10,11;78:18;79:13 <b>statute (1)</b>	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5)
13:15 <b>Station (8)</b> 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 <b>status (4)</b> 50:10,11;78:18;79:13 <b>statute (1)</b> 11:16	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5) 76:14;82:11;83:5;
13:15 <b>Station (8)</b> 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 <b>status (4)</b> 50:10,11;78:18;79:13 <b>statute (1)</b>	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5)
13:15 <b>Station (8)</b> 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 <b>status (4)</b> 50:10,11;78:18;79:13 <b>statute (1)</b> 11:16 <b>stay (2)</b>	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5) 76:14;82:11;83:5; 90:12;91:13
13:15 <b>Station (8)</b> 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 <b>status (4)</b> 50:10,11;78:18;79:13 <b>statute (1)</b> 11:16 <b>stay (2)</b> 18:16;97:11	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5) 76:14;82:11;83:5; 90:12;91:13 study (30)
13:15 <b>Station (8)</b> 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 <b>status (4)</b> 50:10,11;78:18;79:13 <b>statute (1)</b> 11:16 <b>stay (2)</b>	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5) 76:14;82:11;83:5; 90:12;91:13
13:15 <b>Station (8)</b> 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 <b>status (4)</b> 50:10,11;78:18;79:13 <b>statute (1)</b> 11:16 <b>stay (2)</b> 18:16;97:11 <b>steam (2)</b>	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5) 76:14;82:11;83:5; 90:12;91:13 study (30) 63:8,9,13,14,21;65:23;
13:15 <b>Station (8)</b> 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 <b>status (4)</b> 50:10,11;78:18;79:13 <b>statute (1)</b> 11:16 <b>stay (2)</b> 18:16;97:11 <b>steam (2)</b> 15:13,17	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5) 76:14;82:11;83:5; 90:12;91:13 study (30) 63:8,9,13,14,21;65:23; 66:9,19,21;67:14;69:21;
13:15 <b>Station (8)</b> 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 <b>status (4)</b> 50:10,11;78:18;79:13 <b>statute (1)</b> 11:16 <b>stay (2)</b> 18:16;97:11 <b>steam (2)</b>	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5) 76:14;82:11;83:5; 90:12;91:13 study (30) 63:8,9,13,14,21;65:23;
13:15 Station (8) 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 status (4) 50:10,11;78:18;79:13 statute (1) 11:16 stay (2) 18:16;97:11 steam (2) 15:13,17 steel (1)	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5) 76:14;82:11;83:5; 90:12;91:13 study (30) 63:8,9,13,14,21;65:23; 66:9,19,21;67:14;69:21; 73:8,12;80:15;81:2,19;
13:15 Station (8) 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 status (4) 50:10,11;78:18;79:13 statute (1) 11:16 stay (2) 18:16;97:11 steam (2) 15:13,17 steel (1) 28:16	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5) 76:14;82:11;83:5; 90:12;91:13 study (30) 63:8,9,13,14,21;65:23; 66:9,19,21;67:14;69:21; 73:8,12;80:15;81:2,19; 82:3,3,8,21,24;83:7,14,
13:15 Station (8) 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 status (4) 50:10,11;78:18;79:13 statute (1) 11:16 stay (2) 18:16;97:11 steam (2) 15:13,17 steel (1) 28:16	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5) 76:14;82:11;83:5; 90:12;91:13 study (30) 63:8,9,13,14,21;65:23; 66:9,19,21;67:14;69:21; 73:8,12;80:15;81:2,19;
13:15 Station (8) 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 status (4) 50:10,11;78:18;79:13 statute (1) 11:16 stay (2) 18:16;97:11 steam (2) 15:13,17 steel (1) 28:16 stellar (1)	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5) 76:14;82:11;83:5; 90:12;91:13 study (30) 63:8,9,13,14,21;65:23; 66:9,19,21;67:14;69:21; 73:8,12;80:15;81:2,19; 82:3,3,8,21,24;83:7,14, 20,24;91:4,15,19;93:6;
13:15 Station (8) 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 status (4) 50:10,11;78:18;79:13 statute (1) 11:16 stay (2) 18:16;97:11 steam (2) 15:13,17 steel (1) 28:16 stellar (1) 25:6	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5) 76:14;82:11;83:5; 90:12;91:13 study (30) 63:8,9,13,14,21;65:23; 66:9,19,21;67:14;69:21; 73:8,12;80:15;81:2,19; 82:3,3,8,21,24;83:7,14, 20,24;91:4,15,19;93:6; 96:5
13:15 Station (8) 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 status (4) 50:10,11;78:18;79:13 statute (1) 11:16 stay (2) 18:16;97:11 steam (2) 15:13,17 steel (1) 28:16 stellar (1) 25:6	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5) 76:14;82:11;83:5; 90:12;91:13 study (30) 63:8,9,13,14,21;65:23; 66:9,19,21;67:14;69:21; 73:8,12;80:15;81:2,19; 82:3,3,8,21,24;83:7,14, 20,24;91:4,15,19;93:6; 96:5
13:15 Station (8) 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 status (4) 50:10,11;78:18;79:13 statute (1) 11:16 stay (2) 18:16;97:11 steam (2) 15:13,17 steel (1) 28:16 stellar (1) 25:6 stenographer (3)	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5) 76:14;82:11;83:5; 90:12;91:13 study (30) 63:8,9,13,14,21;65:23; 66:9,19,21;67:14;69:21; 73:8,12;80:15;81:2,19; 82:3,3,8,21,24;83:7,14, 20,24;91:4,15,19;93:6; 96:5 studying (1)
13:15 Station (8) 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 status (4) 50:10,11;78:18;79:13 statute (1) 11:16 stay (2) 18:16;97:11 steam (2) 15:13,17 steel (1) 28:16 stellar (1) 25:6 stenographer (3) 22:15,23;27:20	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5) 76:14;82:11;83:5; 90:12;91:13 study (30) 63:8,9,13,14,21;65:23; 66:9,19,21;67:14;69:21; 73:8,12;80:15;81:2,19; 82:3,3,8,21,24;83:7,14, 20,24;91:4,15,19;93:6; 96:5 studying (1) 70:5
13:15 Station (8) 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 status (4) 50:10,11;78:18;79:13 statute (1) 11:16 stay (2) 18:16;97:11 steam (2) 15:13,17 steel (1) 28:16 stellar (1) 25:6 stenographer (3) 22:15,23;27:20	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5) 76:14;82:11;83:5; 90:12;91:13 study (30) 63:8,9,13,14,21;65:23; 66:9,19,21;67:14;69:21; 73:8,12;80:15;81:2,19; 82:3,3,8,21,24;83:7,14, 20,24;91:4,15,19;93:6; 96:5 studying (1)
13:15 Station (8) 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 status (4) 50:10,11;78:18;79:13 statute (1) 11:16 stay (2) 18:16;97:11 steam (2) 15:13,17 steel (1) 28:16 stellar (1) 25:6 stenographer (3) 22:15,23;27:20 step (1)	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5) 76:14;82:11;83:5; 90:12;91:13 study (30) 63:8,9,13,14,21;65:23; 66:9,19,21;67:14;69:21; 73:8,12;80:15;81:2,19; 82:3,3,8,21,24;83:7,14, 20,24;91:4,15,19;93:6; 96:5 studying (1) 70:5 Subcommittee (14)
13:15 Station (8) 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 status (4) 50:10,11;78:18;79:13 statute (1) 11:16 stay (2) 18:16;97:11 steam (2) 15:13,17 steel (1) 28:16 stellar (1) 25:6 stenographer (3) 22:15,23;27:20 step (1) 94:1	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5) 76:14;82:11;83:5; 90:12;91:13 study (30) 63:8,9,13,14,21;65:23; 66:9,19,21;67:14;69:21; 73:8,12;80:15;81:2,19; 82:3,3,8,21,24;83:7,14, 20,24;91:4,15,19;93:6; 96:5 studying (1) 70:5 Subcommittee (14) 11:4,7,11,18,21;14:12,
13:15 Station (8) 40:24;92:19;93:2,24; 98:11;99:2;101:7,11 status (4) 50:10,11;78:18;79:13 statute (1) 11:16 stay (2) 18:16;97:11 steam (2) 15:13,17 steel (1) 28:16 stellar (1) 25:6 stenographer (3) 22:15,23;27:20 step (1)	strong (1) 28:18 structures (1) 14:18 struggling (1) 31:3 studies (5) 76:14;82:11;83:5; 90:12;91:13 study (30) 63:8,9,13,14,21;65:23; 66:9,19,21;67:14;69:21; 73:8,12;80:15;81:2,19; 82:3,3,8,21,24;83:7,14, 20,24;91:4,15,19;93:6; 96:5 studying (1) 70:5 Subcommittee (14)

10:55:7:100:14 Subcommittee's (1) 54:8 subdivision (1) 29:4subject (3) 46:18;48:19;103:20 submit (2) 52:5;54:24 submitted (5) 51:24;52:18;54:13; 99:5.6 subsequent (1) 54:16 subsidies (1) 33:12 substantive (1) 103:13 Substation (2) 16:4,22 substituted (1) 34:18 subsurface (1) 43:4 success (6) 30:15;37:17,23;42:5, 9;65:20 successful (4) 27:10;46:11;48:11,13 suck (1) 38:6 Sue (1) 22:16 suggest (2) 52:22;103:1 suggesting (2) 87:10;100:1 suitable (1) 85:3 sulfur (2) 33:1,2 sulphur (2) 15:12,22 sum (3) 67:15;70:12;74:16 summarize (1) 55:14 summary (2) 53:4,15 Sun (1) 13:16 superior (1) 33:6 supplement (2) 45:13;47:5 supplier (3) 47:12;55:19;98:6 suppliers (2) 87:11;95:2 supplies (4) 94:11,12,12;98:5 supply (29) 25:18;30:2,3;46:11;

50:12;51:4;52:4;53:2; 54:22;55:24;56:1,2,4,4, 8:57:14:61:22:62:8.23, 24;63:1;64:4;69:18; 95:11;97:3,5,8;98:10,11 supplying (2) 88:14;98:13 support (5) 24:21,22;26:16;27:12; 42:13 supporters (1) 41:2 supporting (2) 26:5;38:19 supports (1) 41:3 sure (13) 21:19;36:5;54:6; 59:19;74:10;78:19; 79:14;87:9;89:16;92:15, 15,24;106:4 surrounding (2) 29:3;30:6 sustainability (15) 29:7;41:8;46:8;50:11, 17,21;54:15;56:22;58:1, 8;60:20,24;76:11;91:20, 23 sustainable (3) 73:7:81:1.18 sustainably (2) 57:13:93:20 sustained (1) 30:15 swear (3) 46:20;48:20;49:12 switchvard (2) 15:24:16:3 sworn (4) 44:14:45:3,4,5 synergy (3) 29:3:30:20:31:2 synthetic (2) 33:8;36:1 system (4) 15:14,15,18,20 systems (3) 15:16,16,18 Т Tab (1) 65:12 table (1) 92:21 tail (1) 84:19 talk (5) 18:8;37:23;82:23; 83:4:103:16 talked (4) 80:14;87:3;89:11;96:8 talking (15)

40:4,10

			,	
38:2;40:13;56:21;	35:1	89:3,5	102:13;103:1,7,8	21:9
64:6;67:22,23;68:1,3;	third (1)	total (1)	turbine (2)	up (36)
69:20;71:15;74:16;	51:12	67:13	15:13;16:1	23:5;25:19;38:1,4,6,
85:15;86:9;98:13;	though (5)	touchy (1)	turn (14)	20;39:2,5,17;69:10;
100:12	38:19;50:22;51:5;	103:19	11:19;21:16;24:9;	70:22;71:9;73:21;74:6,
talks (1)		tough (1)		
37:13	67:6;73:18	39:24	33:18;34:5;46:22;48:23;	10;77:10;80:5,7;84:4;
	thought (4)		61:8;65:14;68:7,9;78:8;	85:5,8,18;86:18;87:3,11,
tank (1)	39:11;41:7;72:8;104:2	tour (1)	92:7,11	24;88:5;90:17;91:3,3,
15:23	thousands (2)	37:10	twice (2)	21;94:21;95:10;97:3,3;
tax (8)	38:17,21	touring (1)	62:12,18	103:5
25:14;27:4;40:4,8,10;	three (4)	37:16	Twin (1)	upgrade (4)
43:14,16,19	33:1;70:9;84:4;93:19	towards (1)	40:23	15:4;40:13,19;48:8
taxable (2)	throughout (2)	37:3	two (14)	upgraded (1)
27:7;42:14	23:9;71:18	Towers (1)	15:16;19:1;26:4;	15:19
taxpayer (1)	Thursday (1)	40:23	31:11,15;36:13;42:17;	upon (9)
33:11	52:19	towns (3)	49:21;67:12;70:22;	24:23;26:8;27:23;
taxpayers (1)	thus (1)	40:4,6,11	74:20,23;83:14;84:3	43:2;75:3;86:2,5;91:16;
34:2	33:5	township (1)	two-family (3)	102:18
team (1)	tie (1)	37:17	39:13,14,16	upward (1)
55:24	57:15	townspeople (1)	two-fold (2)	97:23
technical (3)	till (2)	40:11	32:2;93:12	urban (1)
50:5;74:11;95:12	77:23,24	traded (1)	type (6)	42:24
Technically (1)	timber (1)	47:24	43:7,10;48:2,4;61:19;	urge (2)
46:1	84:13	transcript (1)	93:2	27:12;43:20
technologies (2)	times (1)	90:14	typical (1)	use (16)
32:6;36:20	40:1	transformer (1)	68:2	15:7,10;32:15;33:5;
technology (2)	Titanic (3)	16:1	Typically (2)	55:2;62:20,24;69:4;
34:15,23	41:6,7,11	transition (1)	84:20;89:1	73:17,20;74:1;77:4;
telling (1)	title (1)	16:20		89:13,19;91:5;98:15
38:4	12:1	transmission (8)	U	used (11)
ten (6)	titles (1)	16:6,7,9,14,18,20,23;		14:20;16:11;25:19;
33:2,3;77:20,23,23;	11:13	17:1	ultimately (2)	32:14,21;33:4,9;37:14;
78:2	today (11)	transport (1)	39:12;105:6	67:2,20;72:10
tender (1)	11:3;13:6;21:6;23:6;	16:11	ultra (2)	useful (1)
49:15	24:18;28:4;44:1;52:6;	Transportation (1)	15:11,22	102:3
tentative (2)	66:16;78:21;94:3	12:20	unanimously (1)	users (1)
25:2;51:5	Today's (2)	travel (2)	26:16	83:16
term (4)	13:10,13	16:19;71:11	uncovered (2)	uses (4)
29:6,11;30:15;56:3	together (3)	treatment (1)	86:12,15	71:20;90:6;91:15,16
terminate (1)	32:5;35:5;43:6	52:7	under (6)	using (5)
16:22	told (2)	tree (4)	56:5;67:10;80:14;	32:19;34:21;45:21;
terms (10)	42:3;84:19	15:7,11;85:24;89:1	98:23;105:11;106:14	77:5;81:8
53:16;54:23;55:5,14;	Tom (1)	trees (3)	underground (5)	usually (2)
56:13;57:12,13;59:23;	11:14	38:6;41:9;84:20	16:8,8,13,18,23	86:17;87:1
60:6;79:7	tomorrow (2)	trip (1)	understood (2)	Utilities (1)
testifies (1)	60:14;66:18	37:10	22:22;70:5	12:22
60:15	ton (3)	<b>Tropsch (1)</b>	undertaken (1)	utilization (17)
testimonies (1)	101:6,9,20	36:12	48:3	73:10;81:3,20;82:1;
46:10	tons (31)	<b>T-r-o-p-s-c-h</b> (1)	underway (1)	84:8,9,10,11,12;85:2,10,
testimony (20)	32:15;63:22;66:1;	36:12	37:21	12;86:2,5;87:4,5;88:4
19:9;20:6,7;45:13,14,		<b>trucking (4)</b>		utilize (2)
18;46:4,19;47:4,5,8;	67:14,23;68:9;69:5,14, 24;70:4,8;71:2,3,6;73:9,	71:18;88:18;94:4;95:5	<b>Union (1)</b> 13:14	87:16;89:2
				utilizing (3)
48:21;49:7,9,11;73:18;	14;74:1;76:3;80:16;	trucks (2)	<b>unique (1)</b> 48:5	
79:15;104:21,23;105:1	81:3,19,20;82:6;83:15;	94:20;95:7		32:10;85:6;88:24
testing (1) $47.17$	89:17;93:3,4,9,24;95:16;	true (4)	<b>unit</b> (1)	V
47:17	97:15	66:20;94:9,13;103:3	99:1	V
thanks (1)	took (2)	truly (1)	United (2)	
76:2	66:14;87:1	41:13	28:18;29:11	valuation (1)
/T /* T /41		try (5)	unrealistic (1)	27:7
theoretical (1)	top (3)			
94:8	22:20;63:7;105:5	23:5,11;51:17;65:8;	64:15	value (7)
94:8 Thereafter (1)	22:20;63:7;105:5 tops (12)	23:5,11;51:17;65:8; 103:9	64:15 unsigned (2)	<b>value (7)</b> 39:14,21;40:2,7;
94:8 <b>Thereafter (1)</b> 20:17	22:20;63:7;105:5 tops (12) 67:17;84:21;85:2,6,	23:5,11;51:17;65:8; 103:9 trying (9)	64:15 <b>unsigned (2)</b> 79:7,8	<b>value (7)</b> 39:14,21;40:2,7; 42:14,15;85:11
94:8 Thereafter (1)	22:20;63:7;105:5 tops (12)	23:5,11;51:17;65:8; 103:9	64:15 unsigned (2)	<b>value (7)</b> 39:14,21;40:2,7;

17:13;24:2,2;54:9,11,	21:12,23;25:11	40:9	104:22
11,19;58:21,22,24;	weren't (1)	wood (71)	
60:11,19,23;61:5	95:24	15:7,8,11,14,14;26:22;	
various (4)	what's (7)	32:15,19;34:21;41:1;	
11:9;17:5;21:8;29:12	39:4;53:5;62:4;68:2,5;	51:4;52:4;53:2;54:22;	
vast (1)	99:17;102:17	58:9;62:8,23,24;63:1;	
27:11	whatsoever (1)	70:8,23;71:5,12,16,16;	
Vaughn (1)	101:14	72:10;76:15;77:5,8;	
23:19	Whereupon (3)	84:18,19,20;88:14;	
verbal (1)	44:12;78:3;106:11	89:15;93:9,10;94:2,3,7,	
44:2	Whitefield (1)	7,15,17,22;95:6,8,11,17;	
Vermont (2)	40:5	96:11,14,19,20,21;	
27:3;67:3	whole (8)	97:10,16;98:2,8,11,18,	
version (2)	15:7,11;39:22;40:3;	19,23;99:2;100:18,19;	
99:5,6	81:12;85:23,24;91:15	101:8,19,20,22;102:3,	
viable (2)	who's (2)	14,18,22	
33:11;34:1	62:8;88:14	woods (7)	
Vice (4)	wide (1)	85:4,14,21;86:19;	
45:10;46:24;49:1;59:1	83:21	87:15;88:16,21	
victory (1)	Wilcox (6)	word (1)	
33:23	15:9;47:11;50:13;	98:23	
view (1)	51:13;52:4;79:11	work (6)	
34:11	wildlife (2)	25:7,10;50:24;79:20,	
views (1) 50:21	38:8,22 William (2)	21;106:6 worked (1)	
virtually (2)	20:7;31:19	43:4	
25:5;97:6	willing (2)	working (10)	
volume (1)	34:8;50:23	29:7;42:10,20;46:7;	
68:15	wind (2)	48:7;53:1;56:1,10;	
voted (1)	28:23;40:20	78:20;79:4	
26:16	winding (1)	workload (1)	
	92:9	34:10	
W	wish (14)	works (1)	
	17:20;18:6;19:3;	40:12	
Wagner (2)	21:23;22:14;26:10;	WPA (3)	
17:16,19	31:12,13;41:16;52:7;	101:5;102:17,22	
wait (1)	78:10,13,23;80:2	wrap (1)	
98:21	wishes (1)	23:5	
walking (1)	24:11	wreak (1)	
42:21	wishing (2)	41:3	
wants (1)	19:4;24:12	Wright (2)	
29:1	within (18)	12:7,7	
waste (5)	16:19;30:5;39:18;	writing (1)	
32:11;33:4;85:8;89:2,	42:21,23;47:20;56:8;	28:8	
10	57:17;61:22;66:1;72:9;	wrong (2)	
wastes (1)	73:8,12;76:16;81:2,19;	75:13;100:17	
32:21	83:14;88:18	Y	
Water (5)	<b>without (9)</b> 27:13;33:11;34:1;	1	
12:14;15:15,16;22:2; 38:6	35:6;40:19;43:10,10,21;	year (17)	
Wausau (1)	94:24	26:16;43:17,18;63:22;	
27:1	witness (14)	64:8;67:23;69:5;72:11;	
way (15)	19:21;44:9;49:21;	73:9,14;76:3;81:3,20;	
34:20;35:6;37:23;	51:15;53:20;54:3;58:11;	89:18;93:4,9;97:15	
40:15;43:1;51:21;70:23;	60:13,22;65:7;70:17,19;	years (8)	
71:16;72:2;84:12;93:12;	77:2;104:10	25:8;30:18;41:19;	
94:21;95:8;96:10;97:11	witnessed (1)	43:8;55:18;56:3;64:7,16	
Wednesday (1)	38:23	York (1)	
13:17	witnesses (12)	48:1	
week (7)	19:8,10,14;20:4,8;		
18:12;23:9;47:10,14;	49:21;50:7;58:20;60:18;	Z	
50:15;53:13;94:4	77:14;78:11;103:24		
welcome (3)	wonder (1)	zoned (1)	