



e-FILING REPORT COVER SHEET

COMPANY NAME: NW Natural

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION? No Yes If yes, submit a redacted public version (or a cover letter) by email. Submit the confidential information as directed in OAR 860-001-0070 or the terms of an applicable protective order.

Select report type: RE (Electric) RG (Gas) RW (Water) RT (Telecommunications)
 RO (Other, for example, industry safety information)

Did you previously file a similar report? No Yes, report docket number: RG 8

Report is required by: OAR 860-027-0100 and 860-027-0048(6)

Statute

Order

Note: A one-time submission required by an order is a compliance filing and not a report (file compliance in the applicable docket)

Other

(For example, federal regulations, or requested by Staff)

Is this report associated with a specific docket/case? No Yes, docket number: RG 8

List Key Words for this report. We use these to improve search results.

Affiliated Interest Report, Cost Allocation Manual Reporting Year 2017, NW Natural, RG 8

Send the completed Cover Sheet and the Report in an email addressed to PUC.FilingCenter@state.or.us

Send confidential information, voluminous reports, or energy utility Results of Operations Reports to PUC Filing Center, PO Box 1088, Salem, OR 97308-1088 or by delivery service to 201 High Street SE Suite 100, Salem, OR 97301.

GAIL HAMMER
Tariffs and Regulatory Compliance
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VIA ELECTRONIC FILING AND US MAIL

May 2, 2018

Public Utility Commission of Oregon
Attn: Filing Center
201 High Street SE, Suite 100
Post Office Box 1088
Salem, Oregon 97308-1088

Re: RG 8 - 2017 Affiliated Interest Report and Cost Allocation Manual

Pursuant to OAR 860-027-0100 and OAR 860-027-0048(6), enclosed please find the 2017 Affiliated Interest Report and Cost Allocation Manual, for Northwest Natural Gas Company, dba NW Natural ("NW Natural" or "Company").

Please note that Exhibit A of the enclosed Affiliated Interest Report is to be treated as confidential. Pursuant to OAR 860-001-0070, Northwest Natural Gas Company designates Exhibit A as confidential in good faith on the basis that it contains trade secrets.

Exhibit A has been printed on yellow paper, is separately bound, and sealed in an envelope bearing the legend: "CONFIDENTIAL." No portion of these materials may be copied, reproduced, or disclosed in any manner without the express permission of Northwest Natural Gas Company.

If you have any questions or need further information, please let me know.

Sincerely,

/s/ Gail Hammer

Gail Hammer

enclosures

cc: Shawn Filippi
Brody Wilson
Alison Pear

NORTHWEST NATURAL GAS COMPANY
 AFFILIATED INTEREST REPORT
 FOR THE CALENDAR YEAR ENDING DECEMBER 31, 2017

I. An organization chart showing the parent company, all subsidiaries, and the percentage ownership for each.

See the Organizational Chart 1 of Northwest Natural Gas Company (“NWN”) attached to this Affiliated Interest Report. As reflected in Organizational Chart 1, in December 2017, NWN formed a wholly-owned subsidiary “NW Natural Water Company, LLC,” and its wholly owned subsidiary “FWC Merger Sub, Inc.,” for purposes of completing the acquisition of one or more water companies. See also the information provided under (A) below.¹

(A) 2017 changes in the list of directors and/or officers common to the regulated utility and to the affiliated interest.

NORTHWEST NATURAL GAS COMPANY²

DIRECTORS

Tod R. Hamachek, Chair	C. Scott Gibson
Timothy P. Boyle	David H. Anderson
Martha L. (“Stormy”) Byorum	Jane L. Peverett
John D. Carter	Kenneth Thrasher
Mark S. Dodson	Malia H. Wasson

OFFICERS

<u>Names</u>	<u>2017</u>
David H. Anderson	President and Chief Executive Officer
Frank H. Burkhartsmeyer	Senior Vice President and Chief Financial Officer ³

¹ On March 7, 2018, NWN formed a wholly-owned subsidiary “NW Natural Holding Company”, and its wholly-owned subsidiary “NWN Merger Sub, Inc.”, as vehicles for NWN’s intended reorganization into a holding company structure, as approved by the OPUC in 2017 pursuant to Order 17-526. More information about this restructuring has been submitted to the OPUC with respect to Docket UM 1804. In addition, on March 6, 2018, Northwest Energy Corporation, a wholly-owned subsidiary of NWN, filed Articles of Dissolution with respect to its wholly-owned non-operating subsidiary, Northwest Energy Sub Corporation. These changes are reflected in Organizational Chart 2.

² Directors and Officers as of December 31, 2017. Changes that occurred during 2017 or after December 31, 2017, have been noted.

³ Frank H. Burkhartsmeyer was appointed Senior Vice President and Chief Financial Officer as of May 17, 2017.

Lea Anne Doolittle	Senior Vice President and Chief Administrative Officer
MardiLyn Saathoff	Senior Vice President, Regulation and General Counsel
Grant M. Yoshihara	Senior Vice President, Utility Operations ⁴
James Downing	Vice President and Chief Information Officer ⁵
Shawn M. Filippi	Vice President, Corporate Secretary and Chief Compliance Officer
Kimberly A. Heiting	Senior Vice President, Operations and Chief Marketing Officer ^{4,6}
Thomas J.M. Imeson	Vice President, Public Affairs
Justin Palfreyman	Vice President, Strategy and Business Development ⁷
Lori L. Russell	Vice President, Utility Services
Brody J. Wilson	Vice President, Chief Accounting Officer, Controller, and Treasurer ⁸

NNG FINANCIAL CORPORATION

Wholly-owned subsidiary of Northwest Natural Gas Company
 Type of operations: Financial
 Year Created: 1984

BOARD OF DIRECTORS

David H. Anderson, Chair*
 MardiLyn Saathoff*
 Frank H. Burkhartsmeier*

(*Officer of NWN)

⁴ Mr. Yoshihara resigned as Senior Vice President, Utility Operations as of March 31, 2018. Upon Mr. Yoshihara's retirement, Ms. Heiting became Senior Vice President, Operations and Chief Marketing Officer and Mr. Jon Huddleston was appointed as Vice President, Engineering and Utility Operations.

⁵ Mr. Ngoni Murandu resigned as Vice President and Chief Information Officer as of April 28, 2017. Mr. Downing was appointed Vice President and Chief Information Officer as of September 18, 2017.

⁶ Ms. Heiting was appointed Senior Vice President, Communications and Chief Marketing Officer as of January 1, 2018.

⁷ Mr. Palfreyman was appointed Vice President, Strategy and Business Development as of February 23, 2017. Mr. Palfreyman had been previously serving as Vice President of Business Development.

⁸ Mr. Wilson was appointed Vice President, Chief Accounting Officer, Controller, and Treasurer as of May 17, 2017. Mr. Wilson had been previously serving as Chief Financial Officer (interim), Treasurer (interim), Controller and Chief Accounting Officer.

CHANGES IN MEMBERS OF THE BOARD

- Frank Burkhartsmeier replaced Brody J. Wilson as a director as of May 17, 2017.

OFFICERS OF THE CORPORATION

David H. Anderson*	President and Chief Executive Officer
Brody J. Wilson*	Treasurer and Controller
Shawn M. Filippi*	Corporate Secretary
Alison M. Pear	Assistant Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- No changes.

KB PIPELINE COMPANY

Wholly-owned subsidiary of NNG Financial Corporation
Type of Operations: Gas Pipeline, Owner
Year Created: 1991

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- Frank Burkhartsmeier replaced Brody J. Wilson as a director as of May 17, 2017.

OFFICERS OF THE COMPANY

Grant M. Yoshihara*	President
Randolph S. Friedman	Vice President
Brody J. Wilson*	Treasurer and Controller
Shawn M. Filippi*	Corporate Secretary
Alison M. Pear	Assistant Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- J. Keith White resigned as President as of February 1, 2017.

- Grant M. Yoshihara was appointed President as of February 1, 2017 and retired effective March 31, 2018.
- David A. Weber was appointed President as of March 31, 2018.

NORTHWEST ENERGY CORPORATION

Wholly-owned subsidiary of Northwest Natural Gas Company

Type of Operations: Non-Operating Holding Company

Year Created: 2001

BOARD OF DIRECTORS

David H. Anderson, Chair*

Frank H. Burkhartsmeier*

MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- Frank Burkhartsmeier replaced Brody J. Wilson as a director as of May 17, 2017.

OFFICERS OF THE CORPORATION

David H. Anderson* President and Chief Executive Officer

Brody J. Wilson* Treasurer and Controller

Shawn M. Filippi* Corporate Secretary

Alison M. Pear Assistant Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- No changes.

NORTHWEST ENERGY SUB CORPORATION

Wholly-owned subsidiary of Northwest Energy Corporation

Type of Operations: Non-Operating Merger Sub Corporation

Year Created: 2001

Articles of Dissolution Filed: March 6, 2018

BOARD OF DIRECTORS

David H. Anderson, Chair*

Frank H. Burkhartsmeier*

MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- Frank Burkhartsmeier replaced Brody J. Wilson as a director as of May 17, 2017.

OFFICERS OF THE CORPORATION

David H. Anderson*	President and Chief Executive Officer
Brody J. Wilson*	Treasurer and Controller
Shawn M. Filippi*	Corporate Secretary
Alison M. Pear	Assistant Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- No changes.

NWN GAS RESERVES LLC

Wholly-owned subsidiary of Northwest Energy Corporation
Type of Operations: Natural Gas Reserves Development
Year Created: 2013

MANAGEMENT

Manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson*
Frank H. Burkhartsmeier*
MardiLyn Saathoff*
Grant M. Yoshihara*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- Frank Burkhartsmeier replaced Brody J. Wilson as a director as of May 17, 2017.
- Grant Yoshihara retired effective March 31, 2018.
- David A. Weber was appointed as a director effective March 31, 2018.

OFFICERS OF THE LIMITED LIABILITY COMPANY

David H. Anderson*	President and Chief Executive Officer
Brody J. Wilson*	Treasurer and Controller
Shawn M. Filippi*	Corporate Secretary
Alison M. Pear	Assistant Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- No changes.

TRAIL WEST HOLDINGS, LLC

50% membership interest owned by NW Natural Energy, LLC
50% membership interest owned by TransCanada American Investment Ltd.
Type of Operations: Gas Pipeline Owner
Year created: 2006

MANAGEMENT

Management is by Management Committee consisting of: Russell Mahan, TransCanada and Justin Palfreyman*.
(*Officer of NWN))

TRAIL WEST PIPELINE, LLC

Wholly-owned subsidiary of Trail West Holdings, LLC
Type of Operations: Gas Pipeline Owner and Operator
Year Created: 2006

MANAGEMENT

Management is by Management Committee of Trail West Holdings, LLC.

BL CREDIT HOLDINGS, LLC

Wholly-owned subsidiary of Trail West Pipeline, LLC.
Type of Operations: Gas Transportation
Year Created: 2009

MANAGEMENT

BL Credit Holdings, LLC is member-managed.

OFFICERS OF THE LIMITED LIABILITY COMPANY

No officers of NWN are officers of the limited liability company.

NW NATURAL ENERGY, LLC

Wholly-owned subsidiary of Northwest Natural Gas Company
Type of Operations: Holding Company
Year Created: 2009

MANAGEMENT

NW Natural Energy, LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson*
Lea Anne Doolittle*
Frank H. Burkhartsmeier*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- Frank Burkhartsmeier replaced Brody J. Wilson as a director as of May 17, 2017.

OFFICERS OF THE LIMITED LIABILITY COMPANY

David H. Anderson*	President and Chief Executive Officer
Justin Palfreyman*	Vice President
Brody J. Wilson*	Treasurer and Controller
Shawn M. Filippi*	Corporate Secretary
Alison M. Pear	Assistant Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Justin Palfreyman was appointed Vice President as of February 1, 2017.

NW NATURAL GAS STORAGE, LLC

Wholly-owned subsidiary of NW Natural Energy, LLC
Type of Operations: Natural Gas Storage Development and Holding Company
Year Created: 2009

MANAGEMENT

NW Natural Gas Storage, LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson*
Lea Anne Doolittle*
Frank H. Burkhartsmeier*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- Frank Burkhartsmeier replaced Brody J. Wilson as a director as of May 17, 2017.

OFFICERS OF THE LIMITED LIABILITY COMPANY

David A. Weber	President and Chief Executive Officer
Justin Palfreyman*	Vice President
Brody J. Wilson*	Treasurer and Controller
Shawn M. Filippi*	Corporate Secretary
Alison M. Pear	Assistant Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Justin Palfreyman was appointed Vice President as of February 1, 2017.

GILL RANCH STORAGE, LLC

Wholly-owned subsidiary of NW Natural Gas Storage, LLC
Type of Operations: Natural Gas Storage
Year Created: 2007

MANAGEMENT

Gill Ranch Storage, LLC is manager-managed
Manager: Board of Directors

BOARD OF DIRECTORS

David H. Anderson*
Lea Anne Doolittle*
Frank H. Burkhartsmeier*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

- Frank Burkhartsmeier replaced Brody J. Wilson as a director as of May 17, 2017.

OFFICERS OF THE LIMITED LIABILITY COMPANY

David A. Weber	President and Chief Executive Officer
Justin Palfreyman*	Vice President
Brody J. Wilson*	Treasurer and Controller
Shawn M. Filippi*	Corporate Secretary
Alison M. Pear	Assistant Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

- Justin Palfreyman was appointed Vice President as of February 1, 2017.

NW Natural Water Company, LLC

Wholly-owned subsidiary of Northwest Natural Gas Company
Type of Operations: Non-Operating Holding Company
Year Created: 2017

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

No changes – created in 2017.

OFFICERS OF THE CORPORATION

David H. Anderson*	President and Chief Executive Officer
Brody J. Wilson*	Treasurer and Controller
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

No changes – created in 2017.

FWC Merger Sub, Inc.

Wholly-owned subsidiary of NW Natural Water Company, LLC
Type of Operations: Non-Operating Merger Sub Corporation
Year Created: 2017 (Idaho)

BOARD OF DIRECTORS

David H. Anderson, Chair*
Frank H. Burkhartsmeier*
MardiLyn Saathoff*

(*Officer of NWN)

CHANGES IN MEMBERS OF THE BOARD

No changes – created in 2017.

OFFICERS OF THE CORPORATION

David H. Anderson*	President and Chief Executive Officer
Brody J. Wilson*	Treasurer and Controller
Shawn M. Filippi*	Corporate Secretary

(*Officer of NWN)

CHANGES IN OFFICERS

No changes – created in 2017.

NORTHWEST BIOGAS, LLC

50% membership interest owned by Northwest Natural Gas Company
50% membership interest owned by BEF Renewable Incorporated
Type of Operations: Biodigester Owner
Year Created: 2008

Northwest Biogas, LLC is member-managed
Managing Member: Northwest Natural Gas Company

MANAGEMENT

Northwest Biogas, LLC is member-managed
Managing Member: Northwest Natural Gas Company

OFFICERS OF THE LIMITED LIABILITY COMPANY

Angus Duncan**	President
Barbara Summers	Vice President
Joanna Gilson**	Secretary

** Not employees of NWN or its affiliates.

CHANGES IN OFFICERS

- No changes.

(B) *Changes in successive ownership between the regulated utility and affiliated interest.*

None.

(C) *A narrative description of each affiliated entity with which the regulated utility does business. State the factor(s) giving rise to the affiliation.*

In addition to the information provided below, see the Cost Allocation Manual (“Appendix A”) included as an appendix to this Affiliated Interest Report for

further descriptions of the activities of each affiliated interest or subsidiary with which NWN has transactions.

NNG Financial Corporation

NNG Financial Corporation (“NNGFC”) owns 100% of the stock of KB Pipeline Company (“KBPC”). See KBPC activities described below.

Affiliated transactions between NWN and NNGFC generally include:

- Allocations of NWN's payroll and administrative expense for NNGFC's use of NWN staff;
- Vendor payments made by NWN on behalf of NNGFC, which are then subsequently charged to NNGFC and reimbursed to NWN through intercompany billings;
- Equity distributions/contributions between NWN and NNGFC;
- Payments between NWN and NNGFC for NNGFC's current tax expense or benefit; and
- Payments from NWN to NNGFC for KBPC demand and commodity transportation charges.

KB Pipeline Company

KB Pipeline Company (“KBPC”) is a wholly-owned subsidiary of NNG Financial Corporation (“NNGFC”). KBPC owns a 10% interest in, and is the former operator of, an interstate natural gas pipeline known as the Kelso-Beaver Pipeline. The pipeline runs between Kelso, Washington and Clatskanie, Oregon, and is regulated by the Federal Energy Regulatory Commission (“FERC”). The other owners of the Kelso-Beaver Pipeline are Portland General Electric Company (“PGE”) (79.5%) and B-R Pipeline Company (10.5%). Each of the co-owners has a separate FERC certificate regarding the ownership and transportation of gas on its share of the pipeline. Pursuant to a memorandum from the Public Utility Commission of Oregon, dated October 15, 1992, KBPC is not required to file a separate affiliated interest report to the OPUC under OAR 860-27-040.

In 1991, FERC issued KBPC a certificate of public convenience and necessity under Part 157 of its regulations to construct, own, and transport gas for NWN using its 10% share of the capacity of the Kelso-Beaver Pipeline at FERC-approved rates. See, *Portland General Electric Co.*, 57 FERC ¶ 61,095 (1991), amended, 57 FERC ¶ 61,312 (1991). Currently, KBPC's share of the pipeline is not open access so it may only provide transportation service to NWN. NWN and KBPC are parties to a gas transportation agreement with respect to such transportation service, whereby the Kelso-Beaver Pipeline is obligated to receive and deliver a specified amount of natural gas from NWN in exchange for a demand charge and a volumetric fee.

KBPC has no separate employees of its own. It uses employees shared with NWN to accomplish its *de minimus* business functions. In terms of the FERC

Standards of Conduct (“SOC”) regulations that apply to relationships between transmission providers and their marketing and energy affiliates, since 2008, in Order No. 717, FERC concluded that the revised SOC rules do not apply to non-open access interstate pipelines that are certificated only under Part 157 of FERC’s regulations, such as KBPC’s share of the Kelso-Beaver Pipeline. Given this, KBPC is not required to comply with the current FERC SOC regulations with respect to its affiliated relationship with NWN, and KBPC and NWN may continue to share employees as necessary to conduct the business of KBPC.

Effective December 1, 2004, KBPC resigned as operator of the Kelso-Beaver Pipeline. Since that date, certain operator responsibilities were handled under contract by Cascade Natural Gas Corporation (“Cascade”), which is not affiliated with any of the co-owners. Cascade resigned as the operator effective December 31, 2010, and since that time, co-owner Portland General Electric (“PGE”) has assumed the operator responsibilities for the pipeline.

Northwest Energy Corporation

NWN wholly owns Northwest Energy Corporation (“NW Energy Corp”), which was formed in 2001 to serve as the holding company for NWN and PGE in the event that the proposed acquisition of PGE was completed. However, the acquisition effort was terminated in May 2002, and the corporation remained dormant until 2013. Since 2013, NW Energy Corp has served as the holding company for NWN Gas Reserves LLC.

Affiliated transactions between NWN and NW Energy Corp generally include:

- Equity distributions/contributions between NWN and NW Energy Corp; and
- Payments between NWN and NW Energy Corp for NW Energy Corp’s current tax expense or benefit.

Northwest Energy Sub Corporation

Northwest Energy Sub Corporation (“NW Energy Sub”) is a subsidiary of Northwest Energy Corporation, and was formed in 2001 to be a holding company in the event that the acquisition of PGE was completed. The corporation has remained dormant since its foundation, and Articles of Dissolution were filed with respect to the Corporation on March 6, 2018.

NWN Gas Reserves LLC

NWN Gas Reserves LLC (“NWN Gas Reserves”) is a wholly owned subsidiary of Northwest Energy Corporation and was formed in December 2012. In 2013, NWN’s working interest in the Jonah gas field was transferred to this entity. The agreements related to the working interest were amended in 2014 to facilitate Encana Oil & Gas (USA) Inc.’s sale of its interest in the Jonah Field to an affiliate of TPG Capital. The agreements related to the working interest were again amended in 2016 to further clarify the terms related to additional well development and capital expenditures.

Affiliated transactions between NWN, NW Energy Corp and NWN Gas Reserves generally include:

- Equity distributions/contributions between NWN and NW Energy Corp and/or NWN Gas Reserves LLC

Northwest Biogas, LLC

NWN owns a 50% membership interest in NW Biogas. NWN also serves as the Managing Member. The other 50% membership interest is owned by BEF Renewable Incorporated. NW Biogas previously developed and operates a demonstration biodigester located at Three Mile Canyon Farms in Boardman, Oregon. In 2017, NW Biogas began leasing the previously used demonstration biodigester to an unaffiliated third party.

NW Natural Energy, LLC

NWN wholly owns NW Natural Energy, LLC (“NWN Energy”) which was formed in 2009 to own NW Natural Gas Storage, LLC (“NWN Gas Storage”) and other non-utility businesses.

Affiliated transactions between NWN and NWN Energy generally include:

- NWN Energy’s use of NWN’s administrative and operating staff;
- Vendor payments made by NWN on behalf of NWN Energy, which are then subsequently charged to NWN Energy and reimbursed to NWN through intercompany billings;
- Equity distributions/contributions between NWN and NWN Energy; and
- Payments between NWN and NWN Energy for NWN Energy’s current tax expense or benefit.

NW Natural Gas Storage, LLC

NWN Energy wholly owns NWN Gas Storage, which was formed in 2009. The entity owns and manages non-utility gas storage interests.

Affiliated transactions between NWN and NWN Gas Storage generally include:

- NWN Gas Storage’s use of NWN’s administrative and operating staff;
- Vendor payments made by NWN on behalf of NWN Gas Storage, which are then subsequently charged to NWN Gas Storage and reimbursed by NWN Gas Storage’s subsidiary, Gill Ranch Storage, LLC (“GRS”);

- Primarily D&O fiduciary and workers' compensation insurance is purchased by NWN, and is subsequently charged to NWN Gas Storage and reimbursed to NWN through intercompany billings; and
- Equity investments in NWN Gas Storage from NWN Energy;
- Distributions from NWN Gas Storage to NWN Energy; and
- Payments between NWN and NWN Gas Storage for NWN Gas Storage's current tax expense or benefit.

Gill Ranch Storage, LLC

GRS was formed in 2007. In 2007, GRS entered into a Joint Project Agreement with Pacific Gas & Electric Company ("PG&E") to develop and own the Gill Ranch underground natural gas storage facility near Fresno, California. Currently, GRS owns 75% undivided ownership interest in this facility and is the sole operator of the facility. PG&E owns 25% undivided ownership interest. Ownership in the facility is structured as tenants in common. GRS owns rights of 75% of the available storage capacity at the facility. GRS's share is designed to provide 15 Bcf of working gas capacity. The facility began operations in the fourth quarter of 2010.

GRS is subject to California Public Utility Commission ("CPUC") regulation with respect to the gas storage services it provides, but it has market-based rate authority with respect to the rates for its services offered in the California market. In addition, GRS is subject to regulation by the CPUC for certain activities, including but not limited to the issuance of securities, operation of the facility, certain terms of customer services, systems of accounts, the nature of investments it may make, safety standards, and transactions with affiliated interests. Accounting records and practices of its regulated business conform to the requirements and uniform system of accounts prescribed by its regulatory authority in accordance with U.S. GAAP.

Affiliated transactions between NWN and GRS generally include:

- GRS's use of NWN's administrative and operating staff;
- Vendor payments made by NWN on behalf of GRS and subsequently reimbursed by GRS through intercompany billings;
- Primarily general liability and D&O insurance is purchased by NWN, and is subsequently charged to GRS and reimbursed to NWN through intercompany billings; and
- Equity investments in GRS from NWN Gas Storage;
- Distributions from GRS to NWN Gas Storage; and
- Payments between NWN and GRS for GRS's current tax expense or benefit.

Trail West Holdings, LLC (TWH)

NW Natural Energy, LLC ("NWN Energy") and TransCanada American Investment Ltd. ("TAIL") each own a fifty percent (50%) membership interest in TWH. TWH wholly owns Trail West Pipeline, LLC (TWP), which is developing the cross-Cascades natural gas pipeline. See below for description of TWP.

Affiliated transactions between NWN/NWN Energy and TWH generally include:

- TWH's use of NWN administrative and operating staff; and
- Because accounting is based on the equity method, TWH has no separate set of accounts except for dedicated nominal accounts in other income and expense on NWN Energy's Income Statement, which includes non-billable expenses to TWH. The investment is tracked as "Other Investments" (124059);

Trail West Pipeline, LLC (TWP)

TWP is a wholly-owned subsidiary of TWH, and has been pursuing the development of a proposed FERC-regulated cross-Cascades natural gas pipeline.

BL Credit Holdings, LLC

BL Credit Holdings, LLC is a wholly-owned subsidiary of TWP.

NW Natural Water Company, LLC

NW Natural Water Company, LLC ("NW Water") is a subsidiary of NWN, and was formed in December 2017 to be a holding company in the event that NWN completes the acquisition of one or more water companies. The company has been dormant since its foundation.

FWC Merger Sub, Inc.

FWC Merger Sub, Inc. is a subsidiary of NW Water, and was formed in December 2017 to be a merger subsidiary in the event that NWN completes the acquisition of an Idaho-based water company. The company has been dormant since its foundation.

(D) A balance sheet and income statement for each affiliated interest for the 12-month reporting period.

See NWN's affiliated interest financial statements ("Confidential Exhibit A") attached to this Affiliated Interest Report.

II. Report of service transactions.

Unless services are provided under tariff as specified in OAR 860-027-0040(3), provide cost of service and related information if total Oregon payments/receipts exceed 0.1% of utility total Oregon annual operating revenues.

(A) Service payments by the utility to the affiliate.

None in excess of 0.1% of utility total Oregon annual operating revenues or outside of the scope of NW Natural's Master Service Agreement.

(B) Service payments by the affiliate to the utility.

None in excess of 0.1% of utility total Oregon annual operating revenues or outside of the scope of NW Natural's Master Service Agreement.

III. For intercompany loans to the utility from affiliates or loans from affiliates to the utility, provide:

(A) The month-end amounts outstanding separately for short-term and long-term loans.

Short-term loans:

None.

Long-term loans:

None.

(B) The highest amount during the year separately for short-term and long-term loans.

Short-term loans:

None.

Long-term loans:

None.

(C) A description of the terms and conditions for loans including the basis for interest rates.

Intercompany balances are paid off in cash each month; therefore, no interest is charged.

- (D) The total amount of interest charged or credited and the weighted average rate of interest separately for short-term and long-term loans.**

Short-term loans:

None.

Long-term loans:

None.

- (E) Specify the Commission Order(s) approving the transactions where such approval is required by law.**

None.

- IV. If the utility guarantees any debt of affiliates, identify the entities involved, the nature of the debt, the original amount of the debt, the maximum amounts during the year, the balance as of the end of the year, and the Commission Order(s) approving the transactions where such approval is required by law.**

None.

- V. Report other transactions (utility leasing of affiliate property, affiliate leasing of utility property, utility purchase of affiliate property, material or supplies and affiliate purchase of utility property, material or supplies) as follows:**

- (A) Other payments by the utility to the affiliate.**

None in excess of 0.1% of utility total Oregon annual operating revenues or outside of the scope of NW Natural's Master Service Agreement.

Description of basis of tax pricing, when applicable:

NWN files and pays taxes on a consolidated basis with its subsidiaries. For any taxable year, these subsidiaries have income and expenses, which cause NWN's consolidated tax liability to increase or decrease. Monthly payments are made to or from NWN to the extent the operations have income or losses. During 2017, no individual tax sharing transaction exceeded 0.1% of utility total Oregon annual operating revenues.

(B) Other payments by the affiliate to the utility.

The following transaction(s) in excess of 0.1% of utility total Oregon annual operating revenues occurred during FY 2017.

<u>Account/description:</u>	<u>Total Company</u>	<u>Total Oregon</u>
Dividend payment from NWN Energy to NWN	1,375,000	1,226,500

VI. By affiliate and job title, provide the total number of executive, management, and professional/technical employees transferred to and from the utility. By affiliate, provide the total number of other employees transferred to and from the utility.

No transfer of employees between utility and affiliates during FY 2017.

VII. Description of each intra-company cost allocation procedure, and a schedule of cost amounts, by account, transferred between regulated and non-regulated segments of the company.

See the Cost Allocation Manual filed coincident with this Affiliated Interest Report.

CHART 1 (As of December 31, 2017)

Updated
January 30, 2018

NW Natural Organization Chart

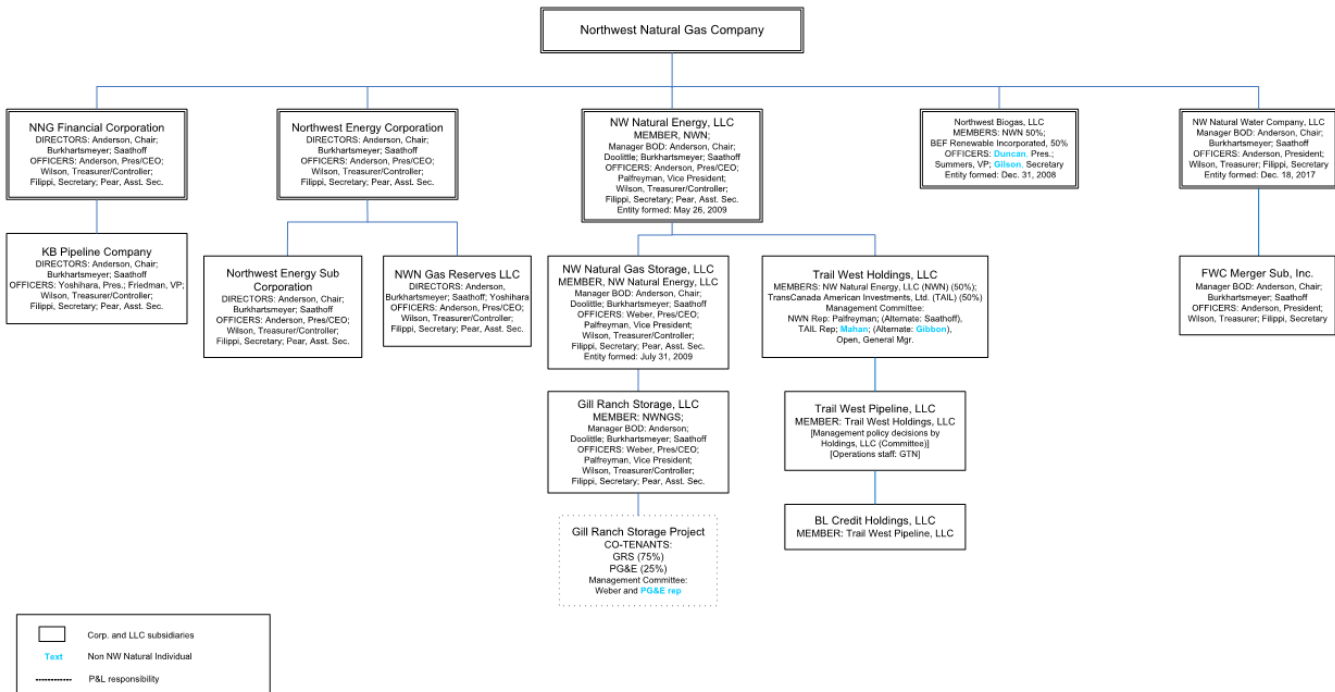
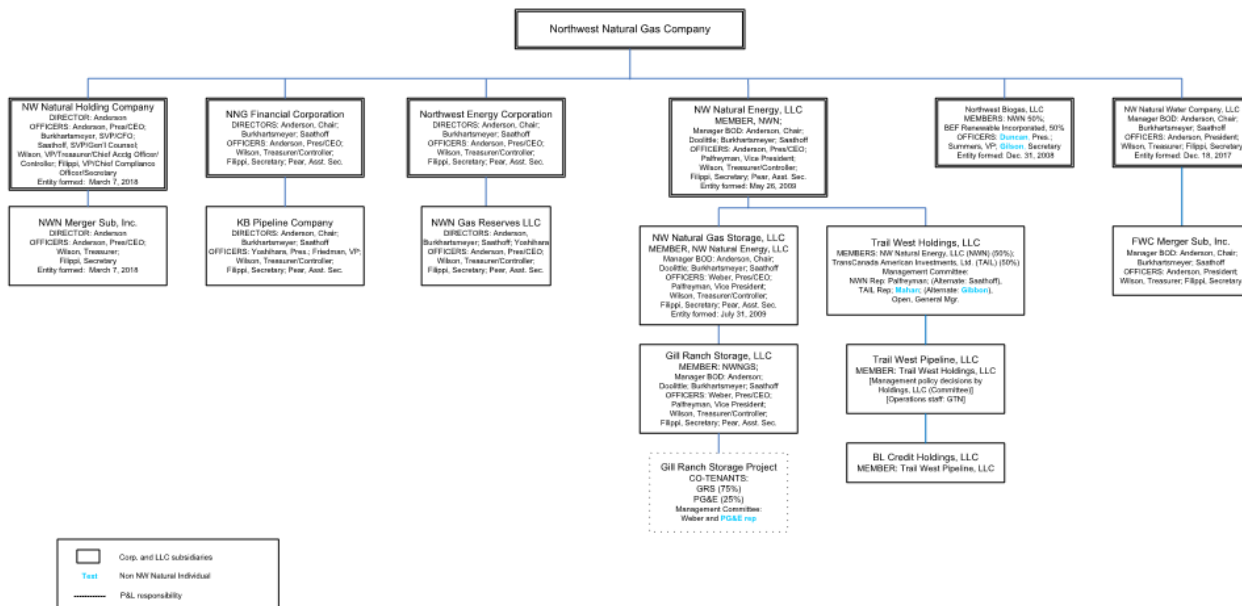


CHART 2 (As of March 21, 2018)

Updated
March 21, 2018

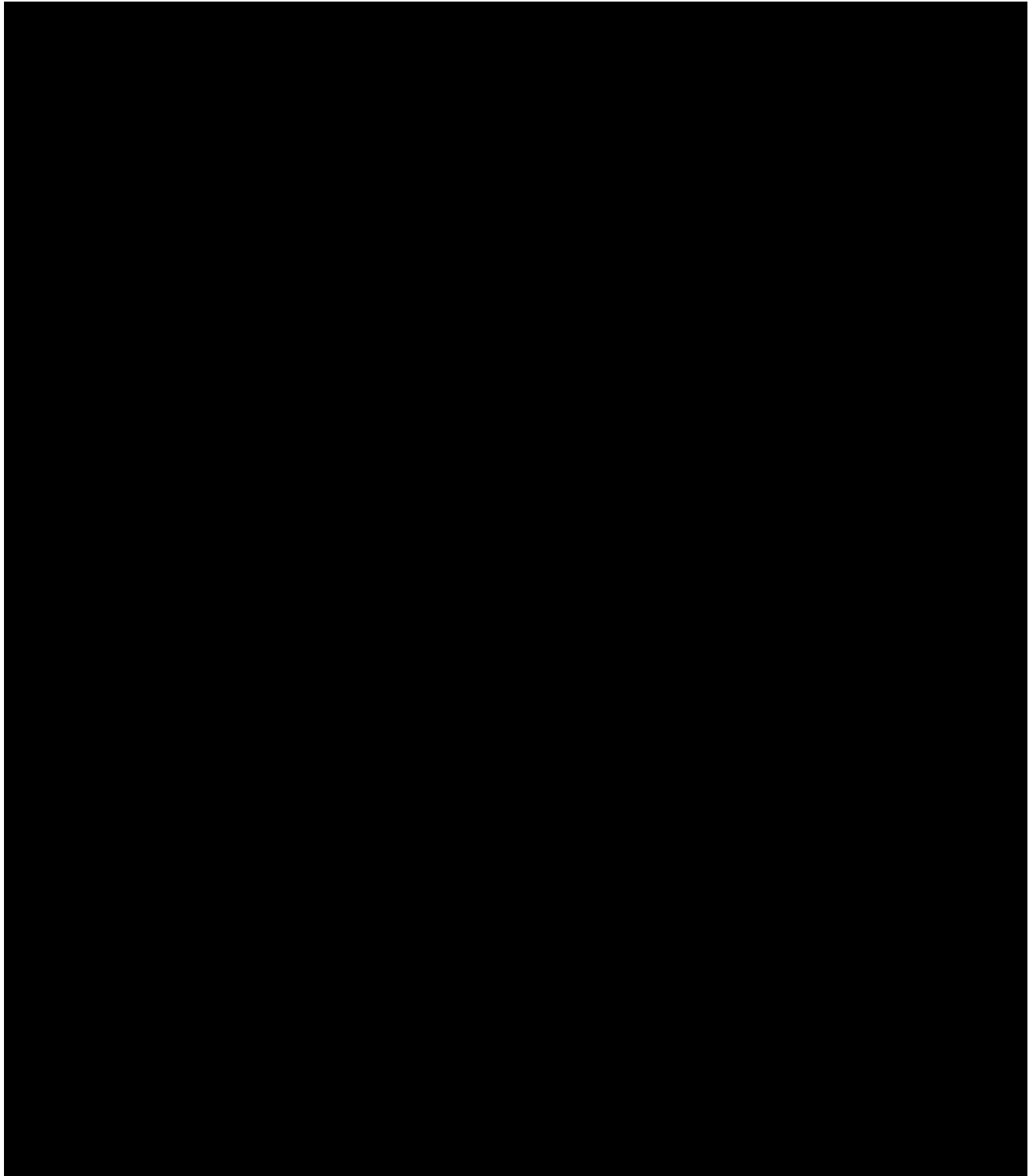
NW Natural Organization Chart



NWN Subsidiary Structure - March 21, 2018

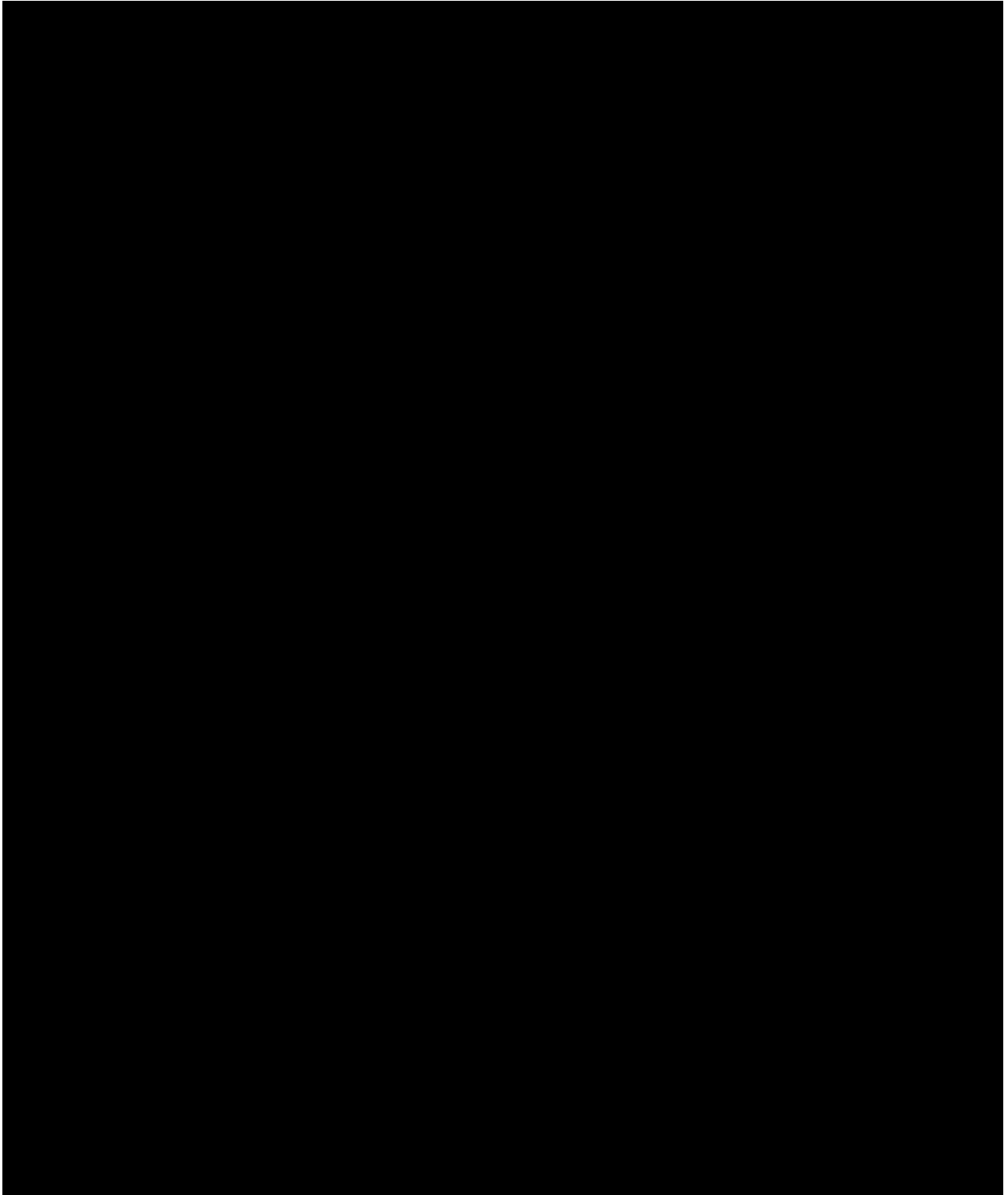
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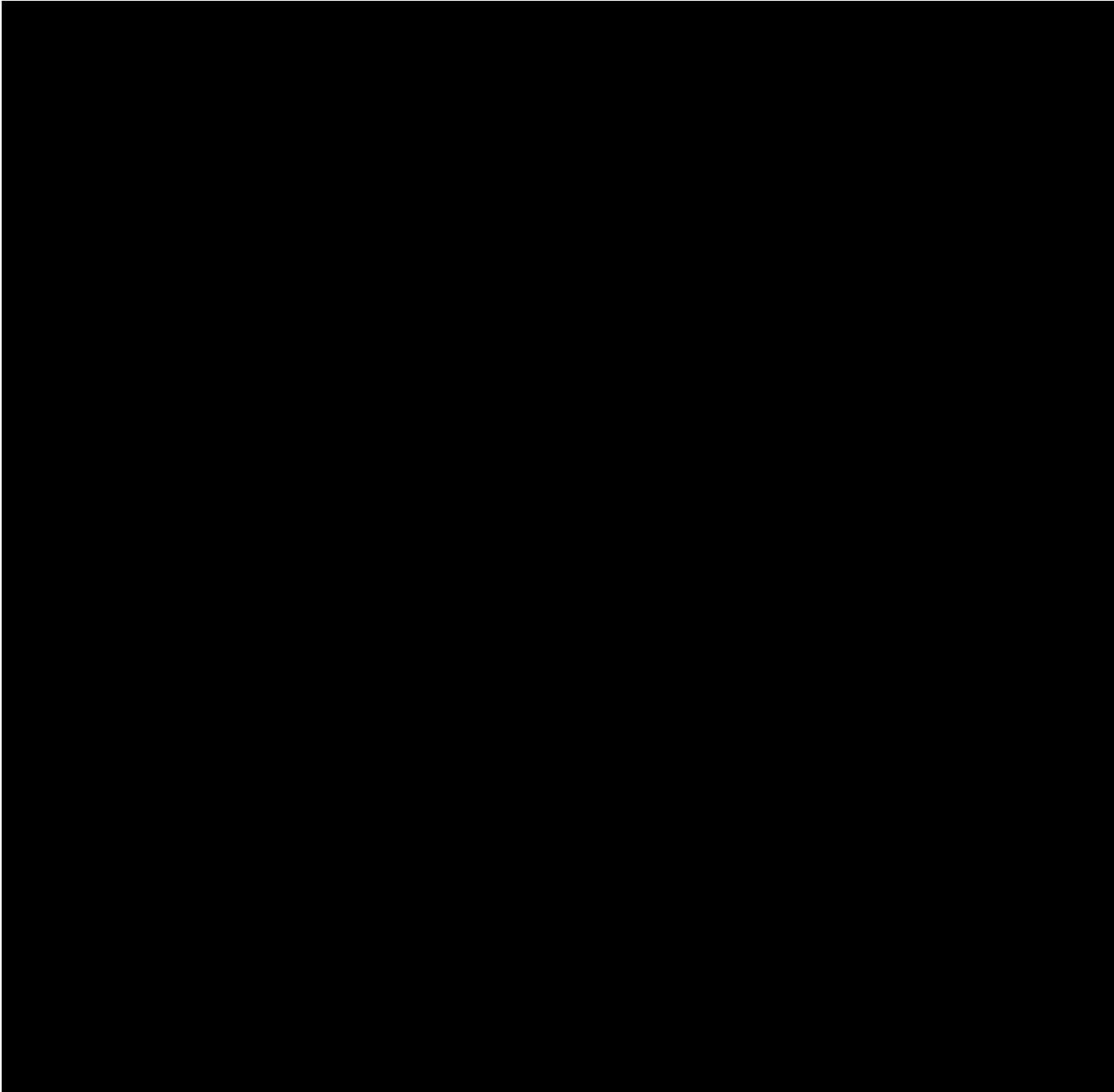
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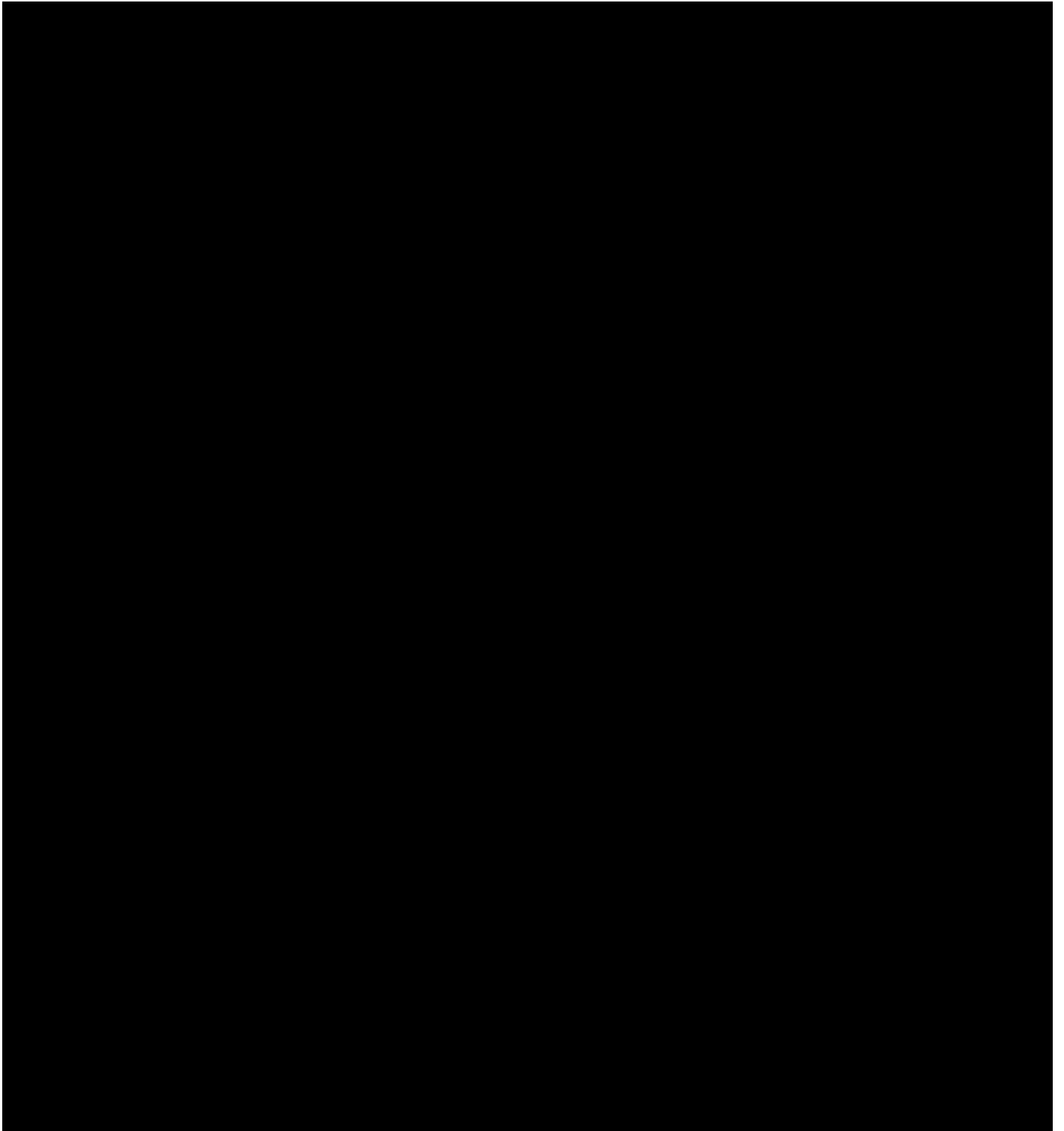
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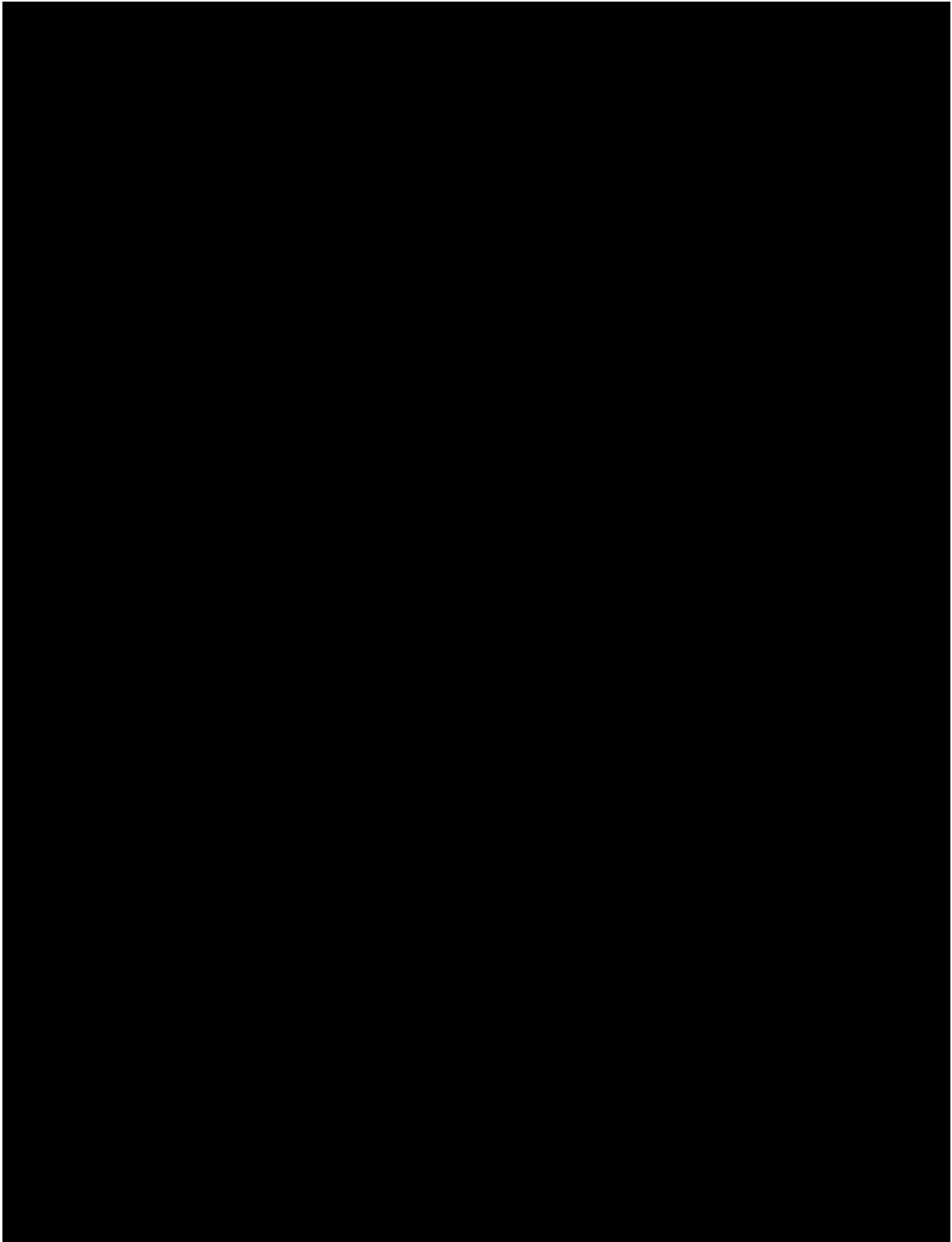
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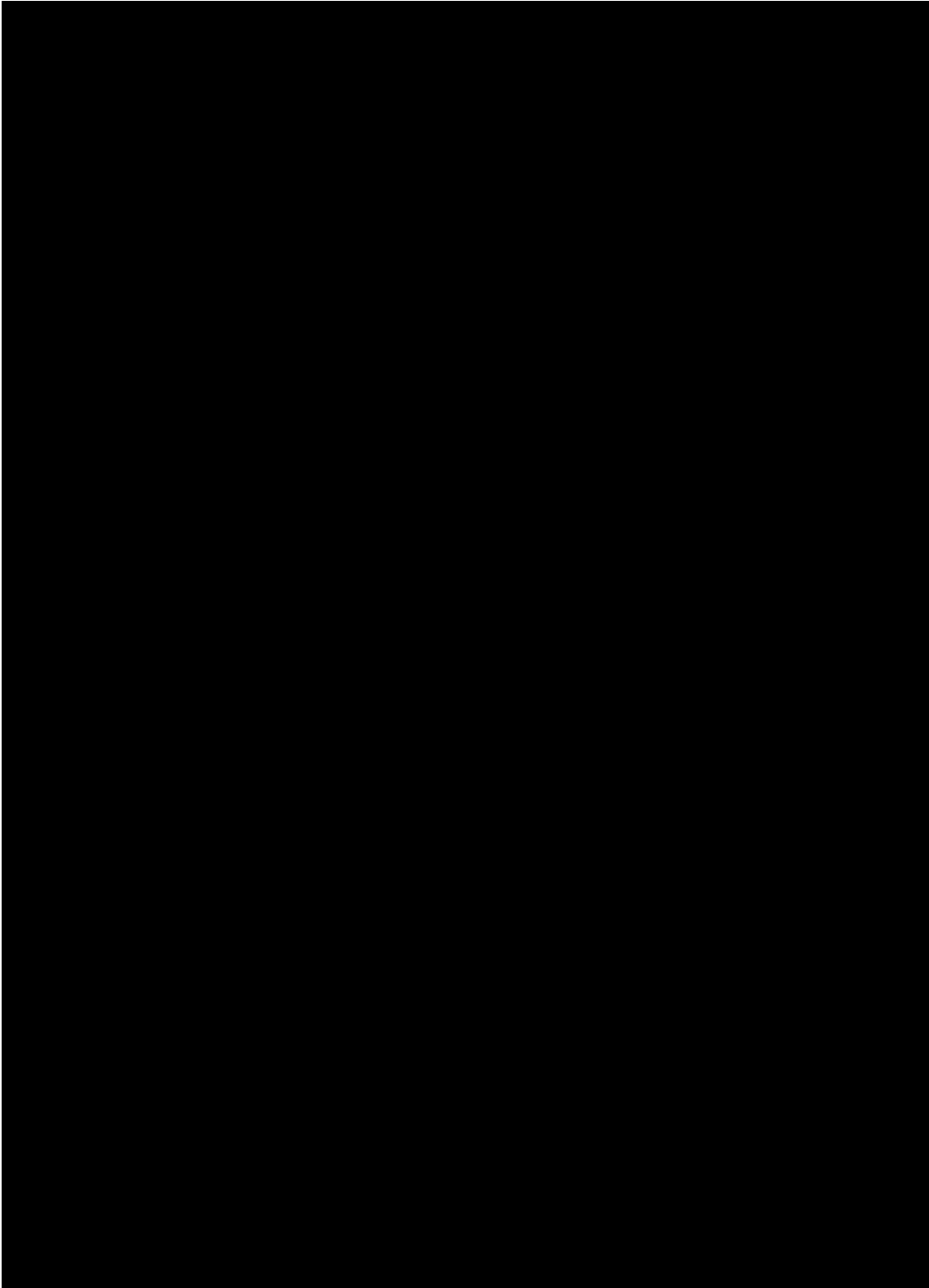
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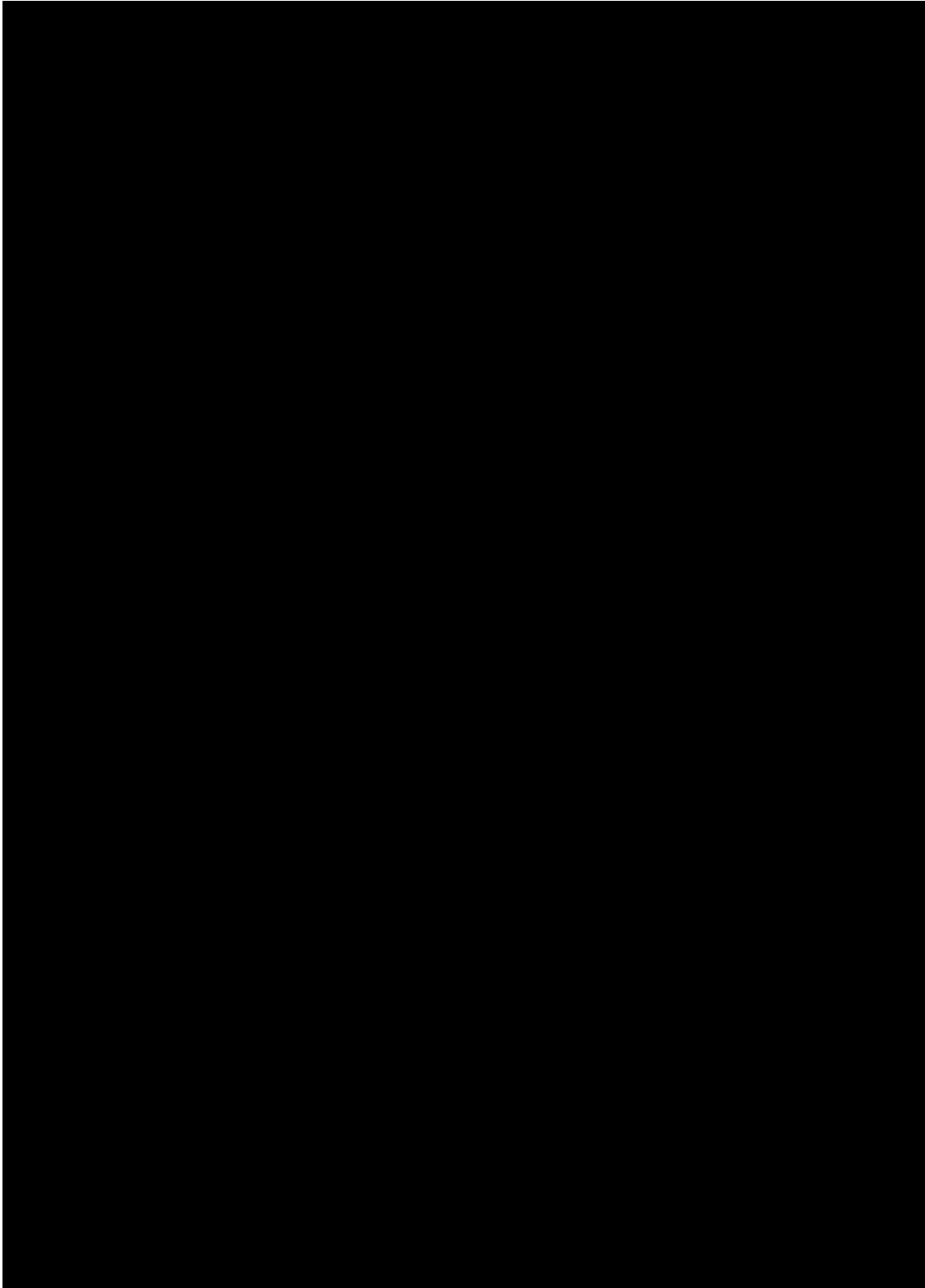
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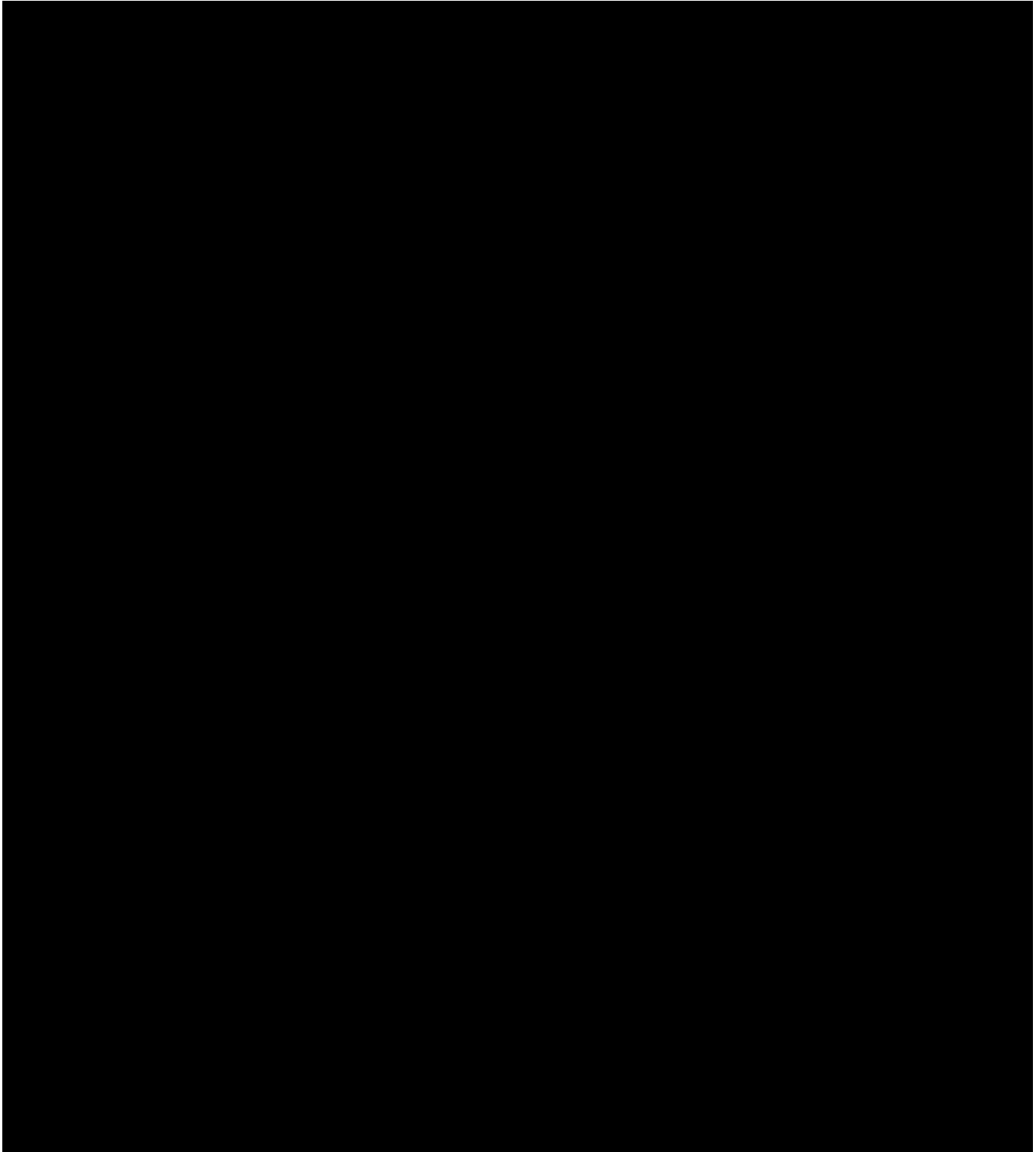
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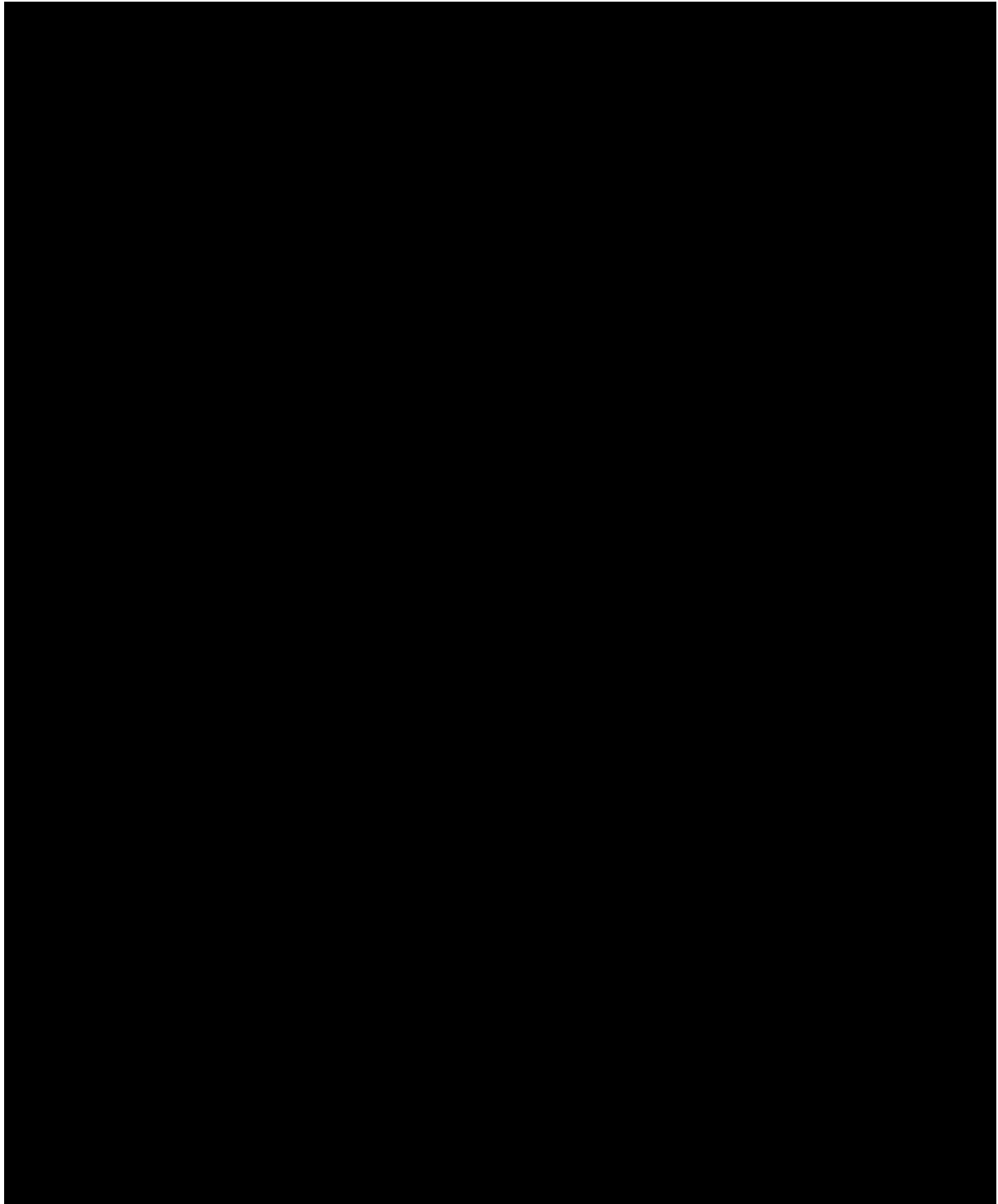
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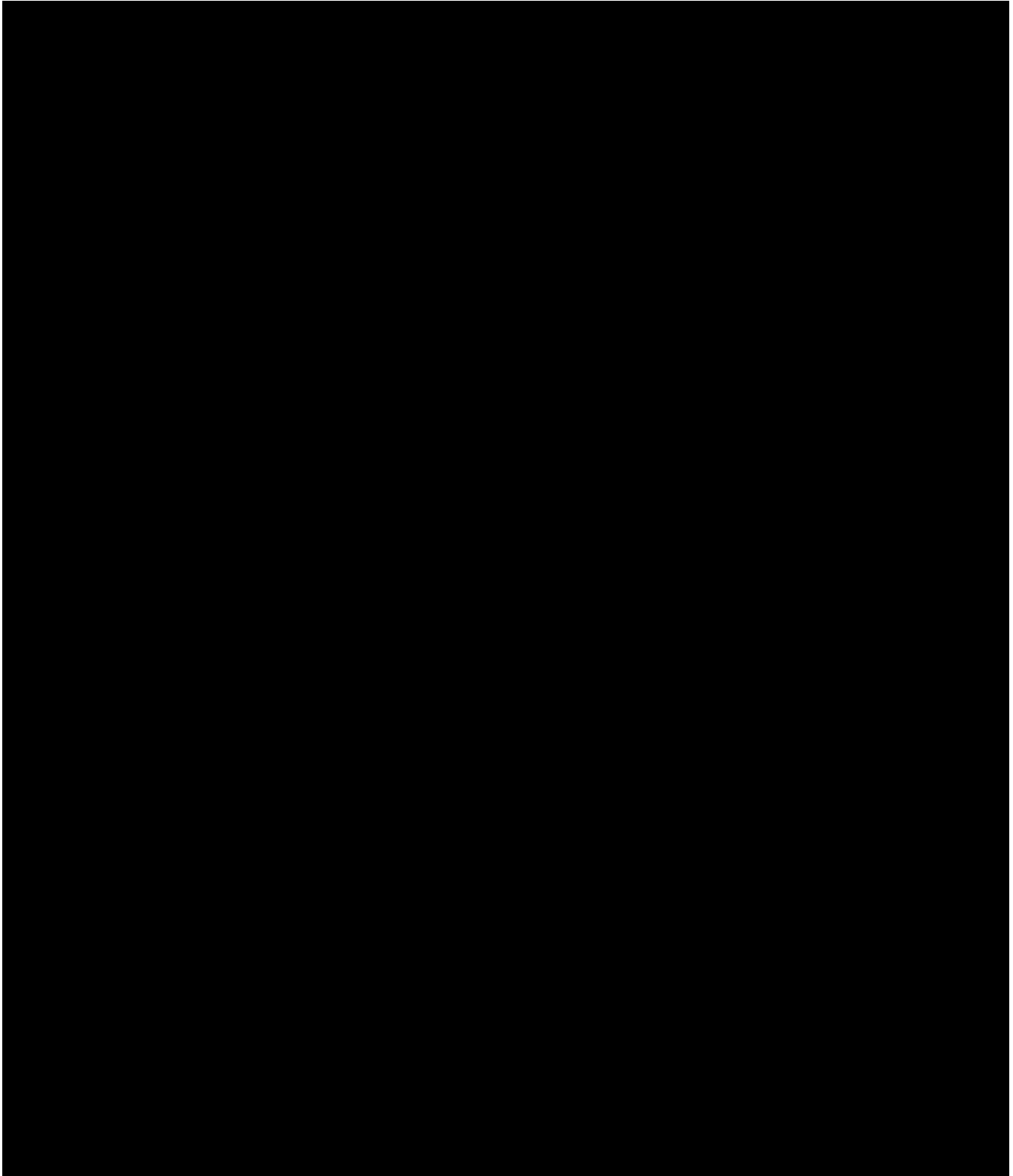
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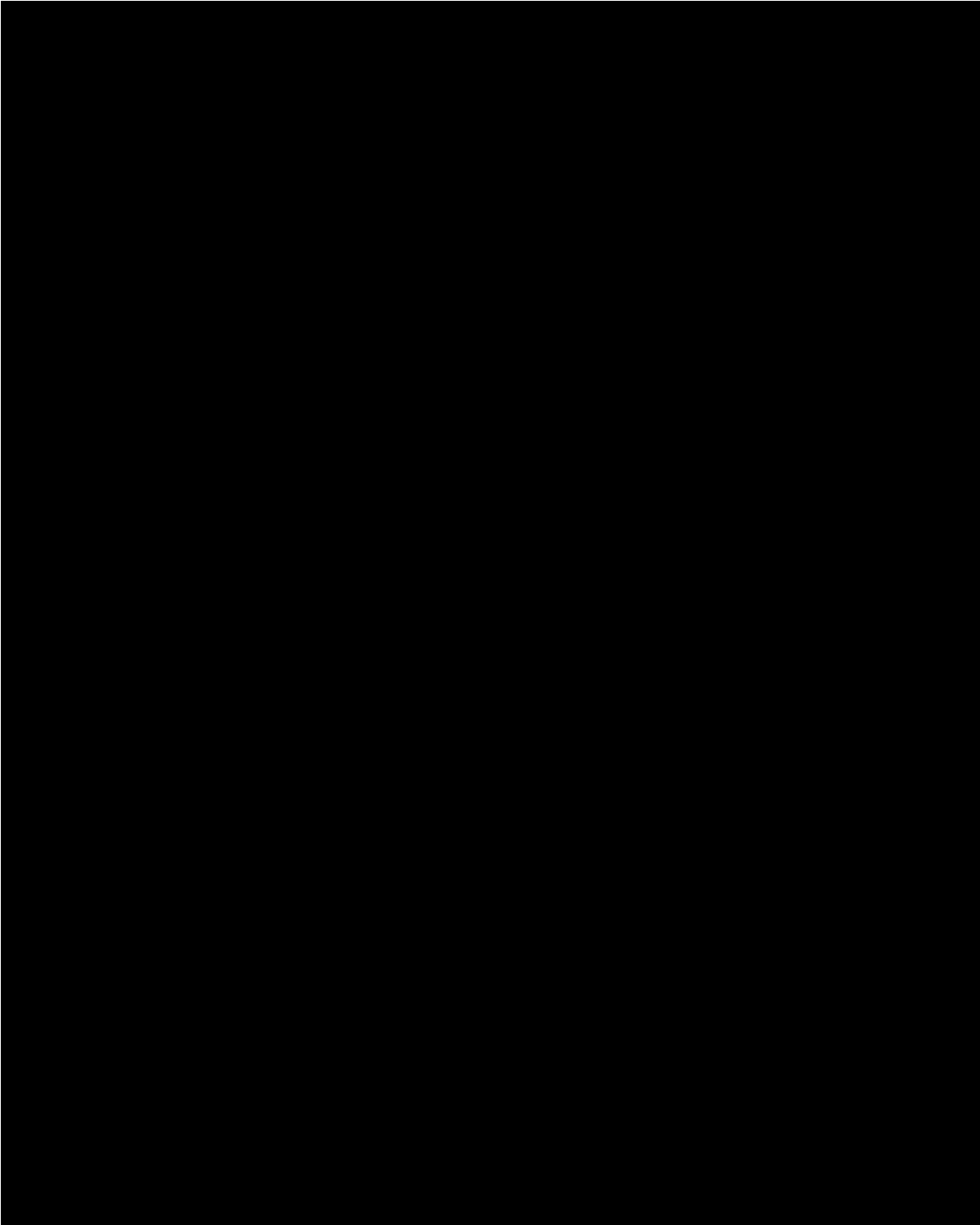
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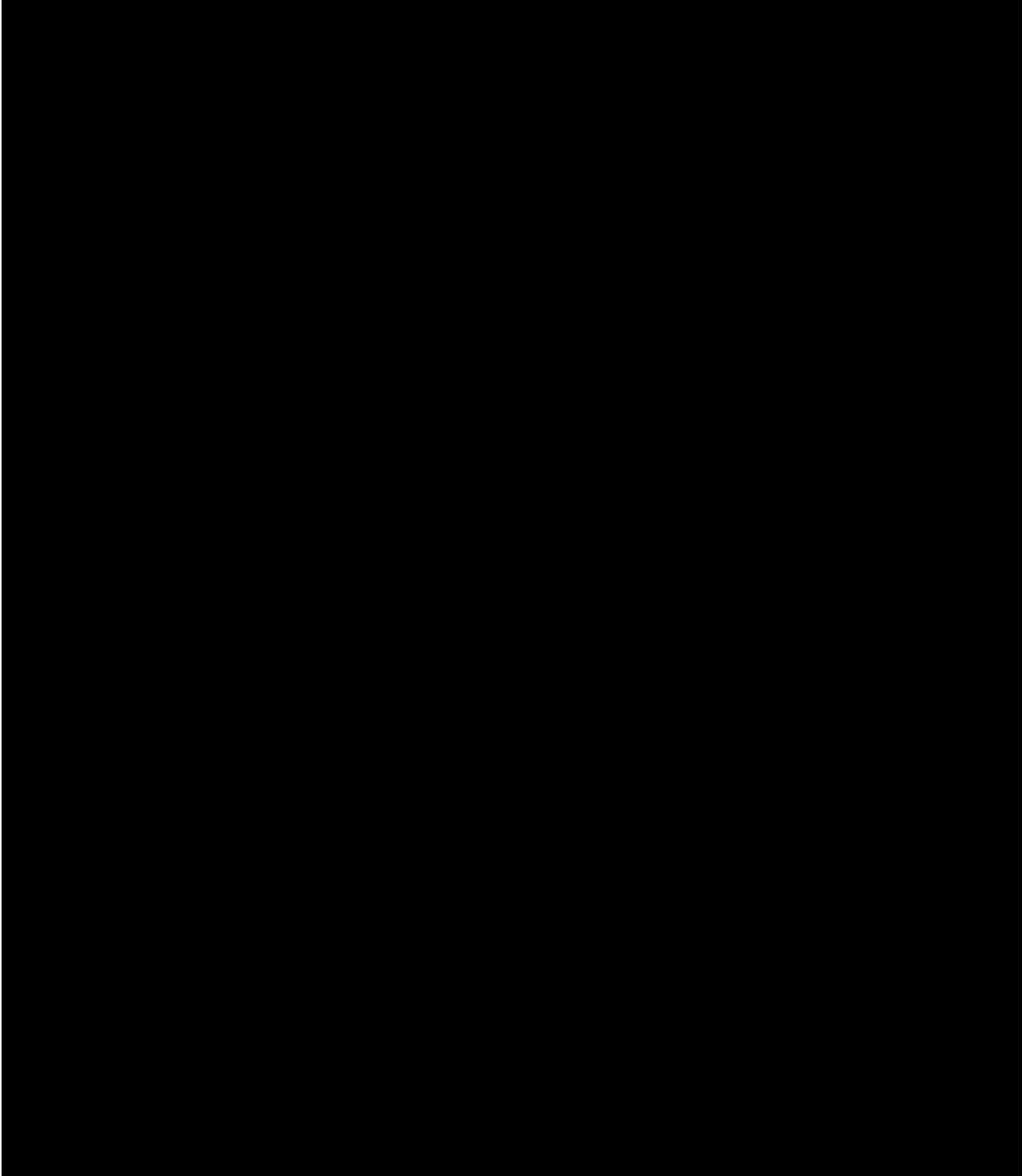
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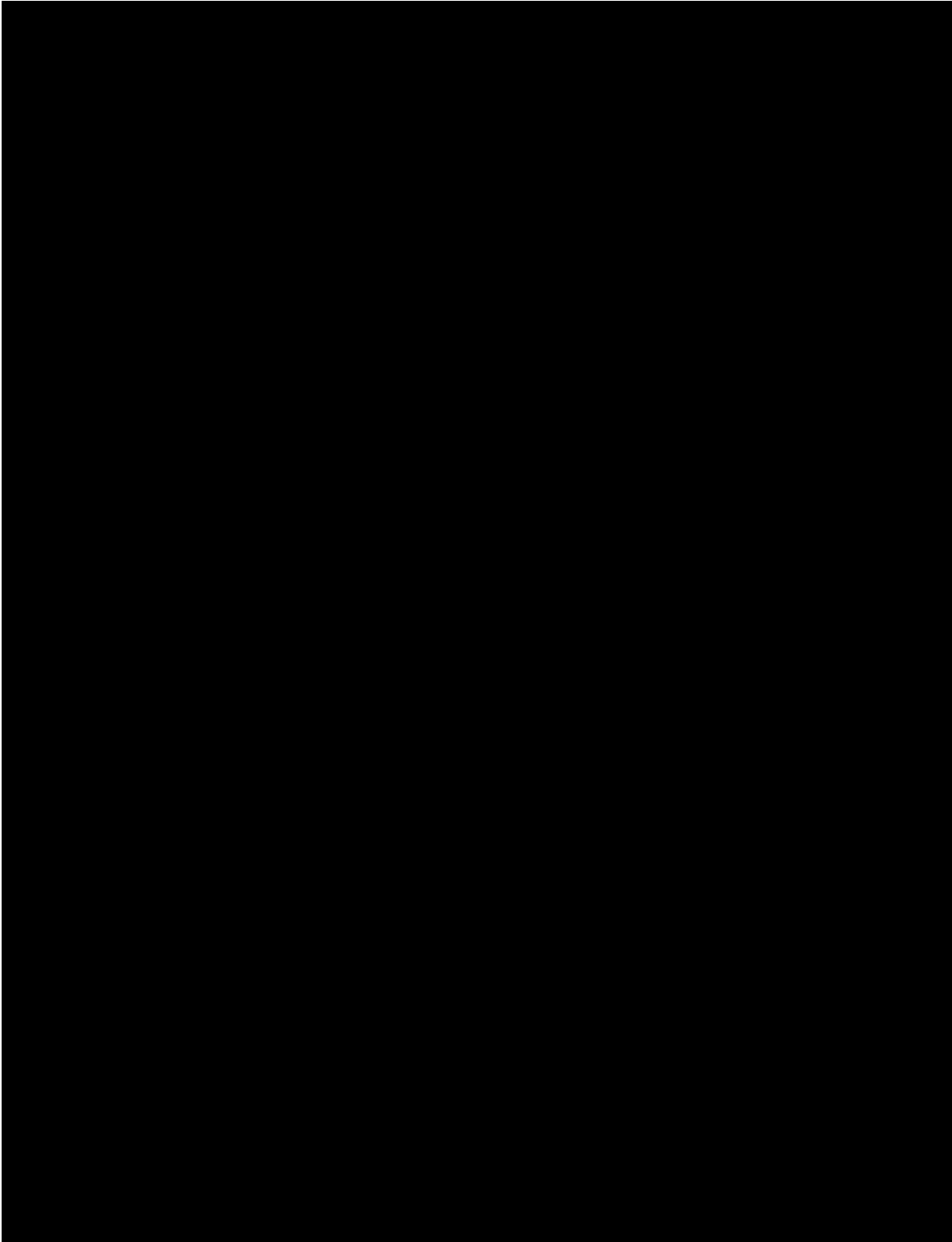
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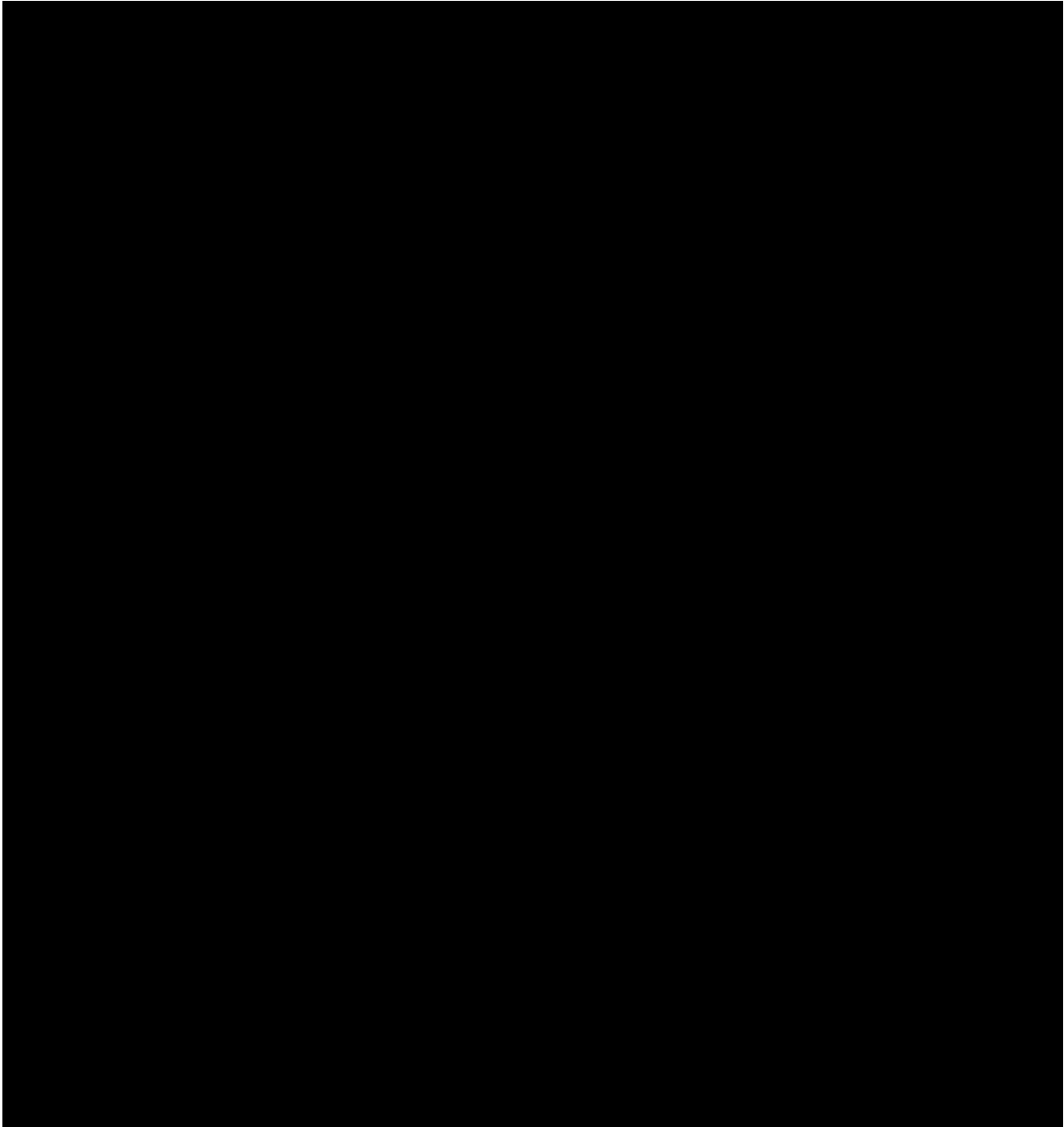
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NORTHWEST NATURAL GAS COMPANY

COST ALLOCATION MANUAL

For the year 2017

Overview

The purpose of Northwest Natural Gas Company's ("NWN") Cost Allocation Manual is to describe the methodologies for allocating direct, indirect and shared services costs between the utility and its non-regulated or non-utility affiliates and activities.

General

NWN is a natural gas local distribution company, which operates in Oregon and Washington, and is regulated by the Public Utility Commission of Oregon (OPUC) and Washington Utilities and Transportation Commission (WUTC). NWN also owns certain other businesses. NWN and the other businesses are "affiliated interests" under ORS 757.015, and RWC 80.16.10. As such, the allocation of costs between these entities is subject to regulation by the OPUC and WUTC, and this manual sets out methodologies, policies, and procedures for ensuring that the allocation of costs is done appropriately.

Management oversight and other labor performed by NWN employees for the benefit of affiliates or non-public utility activities are recorded on the books of the utility in accordance with the labor allocation methods described below. *See* Labor Allocation Methods. Costs of insurance coverage purchased by NWN on behalf of its affiliates and non-public utility activities are allocated as described below. *See* Insurance Cost Allocation Methods. Income and property taxes attributable to affiliate and non-public utility activities are allocated as described below. *See* "Tax Allocation Methods." Any variation from the general allocation procedures described below is described in the specific description of the particular affiliate or non-public utility activity set forth below.

Affiliates or non-public utility activities are charged directly for materials, supplies and services (e.g., consulting services) purchased by NWN on behalf of the affiliate on the basis of the full cost of the items supplied.

Intercompany balances between NWN and its affiliates are paid on a monthly basis. However, NWN may elect to defer payment of any intercompany balance up to the amount of its net equity contributions to the affiliate for periods of more than one month. If NWN does defer payment, then it will pay monthly interest to the affiliate based on its avoided cost of short-term borrowing for as long as the intercompany balance remains outstanding.

Affiliates & Non-Regulated Activities

The following is a list of NWN's affiliates that currently meet the requirements of ORS 757.015 and RCW 80.16.010, respectively.¹

1. NNG Financial Corporation
2. KB Pipeline Company
3. Northwest Energy Corporation
4. NWN Gas Reserves LLC
5. Northwest Energy Sub Corporation*
6. Northwest Biogas, LLC
7. NW Natural Energy, LLC
8. NW Natural Gas Storage, LLC
9. Gill Ranch Storage, LLC
10. Trail West Holdings, LLC
11. Trail West Pipeline, LLC
12. BL Credit Holdings, LLC
13. NW Natural Water Company, LLC
14. FWC Merger Sub, Inc.
15. Northwest Natural Holding Company**
16. NW Natural Merger Sub Inc.**

* Articles of Dissolution were filed for Northwest Energy Sub Corporation on March 6, 2018.

** Northwest Natural Holding Company and NW Natural Merger Sub Inc. were formed on March 7, 2018.

Refer to subsequent organizational chart of NWN and its affiliates.

The following is a list of NWN's non-regulated activities.

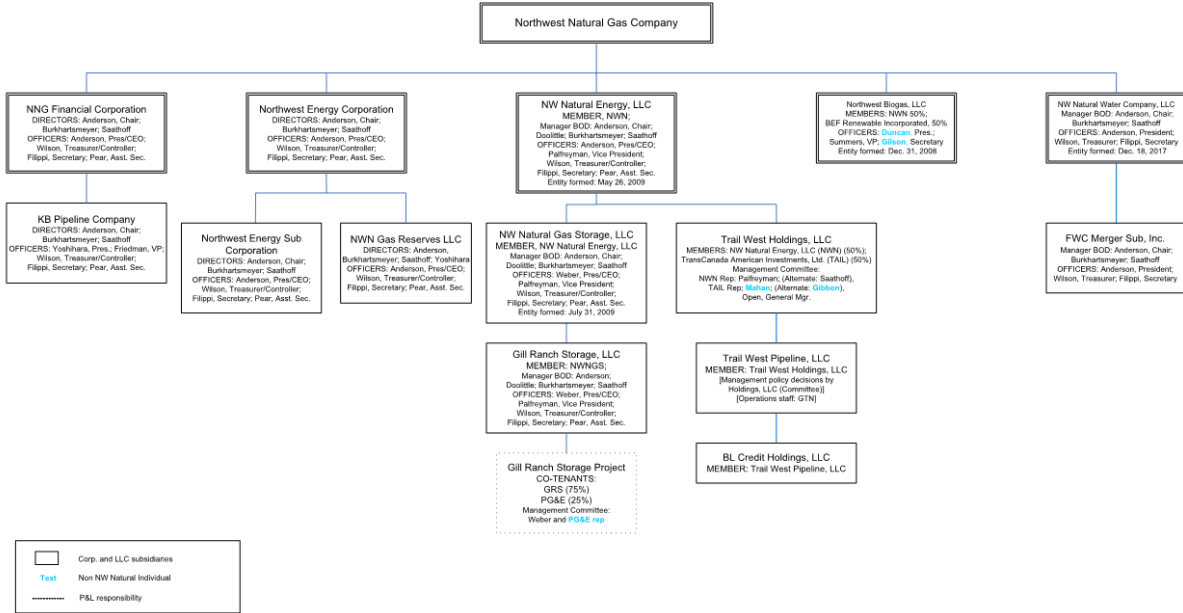
1. Appliance Center/Miscellaneous Merchandising
2. Lan Su Chinese Garden (formerly Classical Chinese Garden) Block
3. Company-Owned Life Insurance
4. Coos County Pipeline
5. Corporate Philanthropy
6. Enerfin Contracts
7. Interstate Storage
8. Lobbying, Civic, and Political Contributions
9. Non-Operating Advertising
10. Oil Storage Tanks/Dock Lease
11. Other Deductions
12. Regulatory and Tax Penalties
13. Service Solutions
14. Sherwood House
15. Smart Energy

¹ BlackRock, Inc. and The Vanguard Group hold more than five percent of the voting securities of NWN, however they are not allocated any direct, indirect and shared services costs by NWN. The ownership of voting securities held by these entities are reported pursuant to ORS 757.511 and OAR 860-027-0175.

NW Natural Organizational Chart – as of December 31, 2017

Updated
January 30, 2018

NW Natural Organization Chart



Labor Allocation Methods

Time reporting of all NWN employees is recorded in a SAP time keeping system referred to as “CATS” (the Cross Application Time System). Wages and salaries of all NWN employees are charged to a default account within the employee’s home cost center. If an employee has any time worked on any projects outside of their default home cost center including time worked related to affiliates and capital projects, the employee records the time worked on other projects in the CATS system. The CATS system then calculates the cost of the reported hours for each employee, adds the calculated payroll overhead load and generates an accounting entry in which the costs of the reported hours including payroll overhead load are transferred at the employee average pay rate, by pay grade, from the employee’s cost center to the cost center for the reported activity.

Examples of time charged via CATS that follows the labor allocation methods are:

- Capital projects,
- Work for other cost centers,
- Work for Non-utility activity within NWN, and
- Work for an affiliate of NWN.

Payroll Overhead Allocation Methods

Payroll overhead is comprised of two types of costs, as follows:

Vacation and Holiday Overhead Load

A vacation and holiday overhead load is added to the pay of all NWN employees to cover the estimated cost of vacations and company-designated paid holidays. This cost is absorbed by the employee’s home cost center while they are at work. If exception time is reported by the employee (*see* “Labor Allocation Methods”), the vacation and holiday overhead load follows the payroll dollars.

The accumulated vacation and holiday load amounts are recorded as a liability in a balance sheet account (232). When employees report time for vacation or official holidays, the CATS system charges the direct labor, without vacation and holiday overhead load, to the balance sheet account (232). At year-end, any over- or under- accrual to the balance sheet account is charged or credited to corporate expense. The year-end balance reconciles to the subsidiary records by employee in the payroll system.

Benefits Overhead Load

All NWN employee benefit costs are charged into a clearing account (602). NWN allocates the costs of employee benefits and payroll taxes by adding a benefits overhead load to all labor charges that are in addition to the vacation and holiday overhead load described above. If exception time is reported (*see* “Labor Allocation Methods”), the benefits overhead load follows the payroll dollars. The benefits overhead load is set at a rate adequate to fully allocate by year-end all actual benefit costs. The rate is determined at the beginning of the year based on

estimated costs. Because benefit cost rates may differ depending on employee grade, employees are categorized into two classes, with different benefits overhead load rates for each class. The employee classes are: (1) Executives, and (2) Non-executives.

In 2017, the following costs were allocated as payroll overhead loadings (company averages):

Executives	
Vacation & Holiday Overhead Load	15.57% of payroll
Benefits Overhead Load	91.09% of payroll
Total Executive Payroll Overhead ²	106.66% of payroll
Non-Executives	
Vacation & Holiday Overhead Load	15.57% of payroll
Benefits Overhead Load	79.89% of payroll
Total Non-Executives Payroll Overhead	95.46% of payroll
Overtime and Doubletime Overhead	15.80% of payroll

The benefit overhead load includes the cost of health care, pension, post-retirement medical, workers' compensation, 401K plans, payroll taxes, and bonuses. Quarterly, any over- or under-allocation of costs recorded in clearing accounts (602) via the payroll overhead charge is charged or credited to corporate expense and non-utility activities accordingly.

A separate entry is made to transfer the cost of payroll taxes embedded in the rates charged to O&M to Account 408, as required by FERC accounting.

Service Provider and Administrative Allocations

For affiliate labor charges, an additional administrative overhead load of 27.5% of labor cost is added to cover the cost of rented space, office supplies, IT costs, furniture and equipment.³ In like manner, an appropriate administrative overhead load is also charged from an affiliate to NWN when an affiliate provides services to the parent.

Insurance Allocation Methods

NWN's Risk and Land Department obtains insurance for the consolidated NWN entities in the open market. The cost of all premiums is initially charged to NWN accounts. However, Gill Ranch Storage, LLC ("GRS") pays a portion of its premiums directly. An allocation for affiliated or non-utility activity related insurance coverage is subsequently made by journal entry to the affiliate or activity. Allocation is based on the underwriting principles for each type of policy. NWN's intent is to use an allocation methodology that does not result in the utility subsidizing the affiliate or non-public utility activity.

² The executive payroll overhead rates do not include expenses for various elements of our executive compensation program such as stock option expense, restricted stock unit expense or long-term incentive plan expenses.

³ The administrative overhead load will not be charged if the employee providing the Services is located on affiliate premises for which all facilities related costs are borne by the Affiliate receiving the Services.

Tax Allocation Methods

Income Tax

NWN allocates income tax expense or benefit to each affiliate or activity based on the taxable income or loss of the affiliate or activity. Intercompany tax sharing payments are based on amounts that become payable or receivable between the affiliates or activities based on their respective annual income tax results. For all affiliates or activities, the current tax expense payable or current tax benefit receivable is recorded in an intercompany account (146).”

Property Taxes

Property taxes are charged to the subsidiaries or affiliated interest based on the value of the property owned by the subsidiary or affiliated interest.

Individual Affiliate Activities

NNG Financial Corporation (“NNGFC”)

See NWN’s Annual Affiliated Interest Report for ownership information, a narrative description of this affiliate and the affiliated transactions.

Invoices applicable to NNGFC but billed through NWN are charged directly to the intercompany account 146.

KB Pipeline Company (“KBPC”)

See NWN’s Annual Affiliated Interest Report for ownership information, a narrative description of this affiliate and the affiliated transactions.

KBPC-related income taxes are offset through the intercompany account of NNGFC.

KBPC pays property taxes indirectly in the two states in which the pipeline operates. The portion of the pipeline located in the state of Washington is considered an asset of Portland General Electric Company (“PGE”) (the majority owner), for property tax purposes. PGE pays 100% of property taxes assessed to Cowlitz County, Washington. PGE then bills KBPC for its pro-rata share of these property taxes. The portion of the pipeline located in the state of Oregon is shown on the property rolls of Columbia County, Oregon as property of NWN. See Tax Allocation Methods, above.

Under the Gas Transportation Agreement between KBPC and NWN dated September 26, 1991, NWN pays KBPC a monthly demand charge equal to 96.83 cents per MMBtu under the contract. Based on the contract MDQ of 19,300 MMBtus, this amounts to a total monthly charge of \$18,688.19. NWN charges Account 804 and credits the intercompany account 146016. See NWN’s Affiliated Interest Report for further information on this demand charge. Additionally, if KBPC actually transports gas for NWN, there is an additional volumetric/commodity charge payable by NWN to KBPC equal to 1.44 cents per MMBtu of gas transported. The rates charged by KBPC to NWN for gas transportation services on the Kelso-Beaver Pipeline were approved by FERC in KBPC’s 1991 certificate order.

All intercompany balances flow through the intercompany account of KBPC’s parent company, NNGFC.

Northwest Energy Corporation (“NEC”)

See NWN’s Annual Affiliated Interest Report for ownership information, a narrative description of this affiliate, and the affiliated transactions. Beginning in 2013, NEC began serving as the holding company for NWN Gas Reserves LLC.

Tax amounts are charged directly through the intercompany tax account (146).

NWN Gas Reserves LLC

See NWN's Annual Affiliated Interest Report for ownership information, a narrative description of this affiliate and the affiliated transactions. NW Natural's interests in gas reserves were transferred to NWN Gas Reserves LLC in 2013.

Northwest Energy Sub Corporation ("NESC")

See NWN's Annual Affiliated Interest Report for ownership information, a narrative description of this affiliate and the affiliated transactions. Articles of Dissolution were filed with respect to NESC on March 6, 2018.

Northwest Biogas, LLC ("NW Biogas")

See NWN's Annual Affiliated Interest Report for ownership information, a narrative description of this affiliate and the affiliated transactions.

NW Natural Energy, LLC ("Energy")

See NWN's Annual Affiliated Interest Report for ownership information, a narrative description of this affiliate and the affiliated transactions.

NWN will also directly allocate costs to Energy for certain services provided by NWN employees to Energy with respect to special projects not included in the services contemplated under the Shared Services Agreement, effective July 1, 2010, among NW Natural Energy, LLC, NW Natural Gas Storage, LLC and Gill Ranch Storage, LLC (Subsidiary Agreement).

NW Natural Gas Storage, LLC ("NWNGS")

See NWN's Annual Affiliated Interest Report for ownership information, a narrative description of this affiliate and the affiliated transactions.

For management oversight and other labor services provided by NWN to or for the benefit of NW Natural Gas Storage, LLC ("NWNGS") or Gill Ranch Storage, LLC ("GRS"), NWN will bill NWNGS in accordance with the specifications of this allocation manual.

NWN will also directly allocate costs to NWNGS for certain services provided by NWN employees to NWNGS with respect to special projects not included in the services contemplated under the Subsidiary Agreement.

Gill Ranch Storage, LLC ("GRS")

See NWN's Annual Affiliated Interest Report for ownership information, a narrative description of this affiliate and the affiliated transactions.

NWN will bill NWNGS in accordance with the specifications of this allocation manual for management oversight and other labor services provided to or for the benefit of NWNGS or GRS by NWN in accordance with the subsidiary agreement.

NWN will also directly allocate costs to GRS for certain services provided by NWN employees to GRS with respect to special projects not originally included in the services contemplated under the Subsidiary Agreement such as allocation of costs related to accounting software licenses.

GRS as operator of the natural gas storage project co-owned by GRS with Pacific Gas & Electric Company (“PG&E”) is obligated to maintain certain insurance, including “All Risk” insurance, workers compensation, automobile liability and umbrella/excess insurance. The policies are endorsed to provide that the insurer shall waive any right of recovery that the insurer may have or acquire against the owners and their affiliates. Each owner is named as an insured. GRS purchases a majority of their insurance directly. Other insurance costs are allocated as set forth above, under Insurance Allocation Methods.

Trail West Holdings, LLC (“TWH”)

See NWN’s Annual Affiliated Interest Report for ownership information, a narrative description of this affiliate and the affiliated transactions.

Expenses for Trail West Holdings, LLC (“TWH”) and its subsidiaries are charged to account 426, and consist of allocations of NWN employee time as described above in Labor Allocation Methods. As an equity investor, Energy receives an allocated share of income from TWH, recorded in 426. TWH is included in NWN’s consolidated financial statements as an equity investment.

Trail West Pipeline, LLC (“TWP”)

See NWN’s Annual Affiliated Interest Report for ownership information, a narrative description of this affiliate and the affiliated transactions.

BL Credit Holdings, LLC

See NWN’s Annual Affiliated Interest Report for ownership information, a narrative description of this affiliate and the affiliated transactions.

NW Natural Water Company, LLC

See NWN’s Annual Affiliated Interest Report for ownership information, a narrative description of this affiliate and the affiliated transactions.

FWC Merger Sub, Inc.

See NWN’s Annual Affiliated Interest Report for ownership information, a narrative description of this affiliate and the affiliated transactions.

Individual Non-Regulated Activities

Appliance Center

NWN's Appliance Center is a retail store that demonstrates and sells natural gas appliances to the general public. NWN has one store located in Portland. The accounting unit for the revenues and expenses for the Appliance Center is 11490.

The accounting for the product sales and cost of sales at the Appliance Center are in one of the following accounts:

Activity 415	Merchandise Revenue
Activity 416	Merchandise Expenses

NWN purchases liability insurance on behalf of the Appliance Center. See Insurance Allocation Methods, above. An additional charge for management oversight is made on a monthly basis by taking 1.5% of the selling expenses in Activity 911, Activity 912, and Activity 916 and charging Activity 416.

Certain NWN employees work exclusively on matters related to the operation of the Appliance Center. The cost of the exempt and hourly employees and all related payroll overheads are charged to Activity 416. In addition, expenses incurred in the operation of the Appliance Center are charged to Activity 416.

NWN owns the building in which the Appliance Center operates and rent is charged to Activity 416 based on the percentage of building square feet that is occupied by the Appliance Center. Revenue that NWN receives from this rent is recorded in activity 412, "Rent from Utility Property." NWN evaluates the need to adjust rent based on market rates. Property taxes are included as a component of the rent. Market rental rates are evaluated annually and are adjusted annually based upon changes in the CPI Index, not to exceed a 3% increase annually. The rent cannot decrease despite any decreases in the CPI Index.

NWN has made Leasehold Improvements to the property and has capitalized these costs in account 186, Appliance Center Leasehold Improvements. NWN is amortizing the cost of these improvements over the life of the Appliance Center lease term. The current lease agreement term expires in June of 2022. Amortization expense is charged to Activity 416. The Accumulated Amortization of the Appliance Center Leasehold Improvements is in account 186.

Lan Su Chinese Garden (formerly Classical Chinese Garden) Block

NWN owns the land that is presently used for the Lan Su Chinese Garden (formerly Classical Chinese Garden). The land is held in Non-Utility Plant in account 121. It consists of one square block from Northwest Second Avenue to Northwest Third Avenue and from Northwest Everett Street to Northwest Flanders Street in Portland, Oregon. NWN has leased the property to the City of Portland under a long-term lease for 100 years for \$1 per year.

NWN provides no insurance coverage. Property taxes are the responsibility of the operator of the Garden.

Company-Owned and Trust Owned Life Insurance

NWN has a Corporate-Owned Life Insurance (“COLI”) Plan where it has purchased key-person life insurance contracts to provide informal funding for long-term, people-related liabilities including post-retirement medical benefits. The policies are owned by and payable to NWN and are increasing whole-life insurance. Similarly, NWN also has Trust-Owned Life Insurance (“TOLI”) Plans where the policies provide informal funding for non-qualified employee benefits and are owned by and payable to the Trust. Costs and benefits related to these investments, including the build-up of cash surrender value, are recorded in account 426. The investment balance is recorded in account 124.

Coos County Pipeline

An intrastate natural gas transmission pipeline to Coos County was built in 2004 and became operational in January 2005, for the purpose of providing natural gas service to the Southern Oregon Coast service area of NWN’s franchise. Coos County owns this pipeline and has contracted with NWN to operate it. NWN and Avista are the only Utility shippers on the Coos County Pipeline, while Knife River Corporation and Southport Lumber Company also utilized the pipeline. NW Natural has one customer located on the Coos Bay North Spit. Service to that customer began in 2011.

NWN collects the costs of operation in a clearing account, activity 616. These costs include payroll costs of management and of operating employees who work on the pipeline. Each month these costs are cleared to Non-Utility Expense account 421. NWN bills Coos County monthly for the operating costs and records this as non-utility revenue in the same account 421. Coos County then bills NWN and Avista Utilities standard monthly amounts based on an annual budget, allocated by projected volumetric flows for each shipper. These costs are trued up at the end of each year, based on actual operating costs and actual volumes delivered for each shipper. NWN charges this payment to Cost of Gas.

NWN bills an additional monthly amount to Coos County as “compensation” to NWN, per the operations contract between the two parties. The contract allows this amount to increase each year for inflation. This revenue is recorded in account 421. Order No. 03-0236 provides the regulatory approval for this contract.

Corporate Philanthropy

NWN generally donates 1% of the average net income before tax for the three years immediately preceding the budget year. Donations are made to non-profit organizations, including those associated with education, arts, social welfare, and the environment.

The donations are directly charged to non-utility accounts 426 for Oregon and Washington. No accounting services are allocated. Labor provided by NWN employees related to Corporate Philanthropy is charged directly to account 426 including the respective payroll overhead load consistent with the Labor Allocations above.

Enerfin Contracts-Mist

NWN has a contract with Enerfin Corporation whereby the price of gas purchased from Enerfin for production at Mist is \$0.01 per therm less than what we collect in rates from our customers. This reduction is intended to offset general plant expenses for NWN's operation of Miller Station. This mutually beneficial agreement allows Enerfin to save money by not duplicating NWN plant and equipment at Miller Station.

The \$0.01 per therm gas savings is credited to income account 415. Labor provided by NWN employees for technical services such as meter calibration is charged directly to account 416 on daily time tickets in CATS. The respective payroll overhead load is also added to the time charge consistent with the Labor Allocations above.

Interstate Storage

NWN owns and operates the Mist underground natural gas storage facility in Columbia County near Mist, Oregon. In addition to the use of such storage facilities for its retail core customers, NWN has pre-built some storage facilities in advance of core need and uses the excess capacity of other existing facilities to provide storage services to customers in the interstate and intrastate market. NWN provides the interstate storage service under a limited jurisdiction blanket certificate issued to it by FERC under Section 284.224 of FERC's regulations. *See, Northwest Natural Gas Company*, 95 FERC ¶ 61,242 (2001). Under that certificate, NWN is authorized to provide FERC-jurisdictional bundled firm and interruptible storage and related transportation services to and from its Mist storage field in interstate commerce. In addition, NWN provides an intrastate firm storage service for eligible intrastate customers and sites in Oregon under Tariff Schedule 80 (experimental). The terms of Rate Schedule 80 mirror NWN's FERC-authorized interstate service. Since the provision of the storage services is accomplished by the use of some shared storage and transportation assets that are included in the core rate base, NWN has sharing agreements in place with its Oregon and Washington regulators. In Oregon, the sharing arrangement for both storage services and asset optimization assistance is set forth in NWN's Tariff Schedules 185 and 186. These sharing agreements are in lieu of specific allocations of costs.

Labor provided by NWN employees related to Interstate Storage is charged directly to Interstate Storage including the respective payroll overhead load consistent with the Labor Allocations above.

Lobbying, Civic, and Political Contributions

NWN provides employee resources to participate in federal, state, and local government affairs, as well as in local civic organizations and initiatives. The Company also administers PAC funds that receive contributions from both employees and NWN. As a result, the related time spent by two employee's salaries and expenses are charged to account 426.

Direct costs are charged to 426 accounts for the following activities:

- Contributions to political candidates,
- Contributions for ballot measures and opinion research on issues,
- Chamber of Commerce dues, and

- Social club dues.

Non-Operating Advertising

NWN charges some advertising and consumer incentive or contest expense to account 416, a non-utility account.

Other non-operating advertising and promotional concessions charges charged to account 912 and 913 and classified below the line are designed to aid in the retention of customers and attract new customers by promoting the cost and performance benefits of natural gas and a variety of natural gas products.

Oil Storage Tanks/Dock Lease

NWN leases oil storage tanks and a loading/unloading dock at its Linnton property (“Dock”) to outside parties for commercial use.

The investment, accumulated depreciation, and deferred income taxes are accounted for in Non-Utility plant, accounts 121, and 283. Rental Income is credited to account 418 and depreciation is charged to account 418.

Income taxes are charged to non-utility taxes, accounts 409. See Tax Allocation Methods, above. Property taxes are billed to, and paid by, the lessee.

NWN purchases liability insurance coverage for the Dock facility. NWN’s Risk Services Department obtains insurance for the consolidated corporate entity in the open market. The policies obtained include the Dock facility’s replacement value. This insurance is charged to 426. See Insurance Allocation Methods, above. Lessees provide their own insurance coverage.

No accounting or management costs are currently charged to this business segment.

Other Income and Deductions

The Other Deductions account, 426, is used for miscellaneous write-offs or other non-utility expenses not readily classifiable in any other utility or non-utility accounts.

Regulatory & Tax Penalties

Any regulatory or tax penalties are charged to account 426.

Revenue from Utility Property

See “Appliance Center”. Rent income received from the Appliance Center is credited to account 412, “Revenue from Utility Property”.

Service Solutions

NWN provides a repair and maintenance referral service to customers with equipment problems or who desire equipment servicing. Customers call the Service Solutions Center and a representative connects the customer with a NWN Certified Contractor. Participating dealers agree to complete the service call within one week unless otherwise requested by the customer, or within 24 hours on an emergency basis. Dealers must meet strict qualification standards and agree to pay annual fees that are used to fund the program.

Expenses are tracked in account 416 and offset by fees paid by the participating dealers. This revenue is recorded in account 415. The expenses include directly charged labor and overhead, depreciation on original CIS (Customer Information System) program development expenses, and an answering service vendor.

Sherwood House

The Sherwood House is a residential home located at 24540 SW Old Hwy 99, in Sherwood, Oregon. The home and the land it is on were acquired by NWN because the land was needed for the Sherwood valve site of Phase 4 of the South Mist Pipeline Extension. The home cannot be partitioned from the property; therefore it is being leased to a private party.

The land is classed as utility property since it is needed for the valve site. The house is not needed for utility operations and is carried in account 121. Rental income is recorded in account 418. Depreciation on the house is recorded in account 421.

Smart Energy

Smart Energy is an Oregon-tariffed utility program which provides Oregon customers an opportunity to offset the carbon dioxide emissions from their use of natural gas by purchasing carbon offsets. The program became effective on September 1, 2007. The ongoing costs of this program are paid for by program participants. Any ongoing incidental costs not covered under the tariff are directly charged to account 426.

Labor provided by NWN employees related to Smart Energy is charged directly to the program paid for by the program participants including the respective payroll overhead load consistent with the Labor Allocations above.